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<211> 3219

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (322)...(1597)

<223> similar to gi4336416 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7354

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<210> 7355
 <211> 5054
 <212> DNA
 <213> Homo sapiens

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 <221> misc_feature
 <222> (604)...(2409)
 <223> similar to gi4240237 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<222> (48)...(2375)

<223> similar to gi4757044 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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catctgagga	atgtaccaat	atttgcctgt	atgctaagac	atgtaaaatc	aaagcaactt	1380
ttcaatgtgc	attaggagaa	tgttgtgaaa	aatgccaat	taaaaaggct	gggatgggtg	1440
gcagaccagc	aaaagatgag	tgcgacctgc	ctgaaatgtg	taatggtaaa	tctggtaatt	1500
gtcctgatga	tagattccaa	gtcaatggct	tcccttgcca	tcacgggaag	ggccactgct	1560
tgatggggac	atgccccaca	ctgcaggagc	agtgcacaga	gctgtgggga	ccaggaactg	1620
aggttgacga	taagtcattg	tacaacagga	atgaagggtg	gtcaaagtac	gggtactgtc	1680
gcagagtggg	tgacacactc	attccctgca	aagcaaata	taccatgtgt	gggaagttgt	1740
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gtaaaacatt	tgatcctgaa	gacacaagtc	aagaaatagg	catggtggcc	aatggaaacta	1860
agtgtggcga	taacaagggt	tgcattaatg	cagaatgtgt	ggatattgag	aaagcctaca	1920
aatcaaccaa	ttgtctcatc	aagtgcacag	gacatgctgt	gtgtgacat	gagctccagt	1980
gtcaatgtga	ggaaggatgg	atccctcccg	actgcgatga	ctcctcagt	gtcttccact	2040
tctccattgt	ggttgggggtg	ctgttcccaa	tggcgggtcat	ttttgtgggtg	gttgctatgg	2100
taatccggca	ccagagctcc	agagaaaagc	agaagaaaga	tcagaggcca	ctatctacca	2160
ctggcaccag	gccacacaaa	cagaagagga	aaccccgat	ggtaaaggct	gttcaacccc	2220
aagagatgag	tcagatgaag	ccccatgtgt	atgatctgcc	agtagaaggc	aatgagcccc	2280
cagcctcttt	tcataaagac	acaaacgcac	ttccccctac	tgttttcaag	gataatccaa	2340
tgtctacacc	taaggactca	aatccaaaag	catgaagcaa	cagctaagca	agaactaatg	2400
gctaaattat	caacttgga	aactggaaaa	tctggatggc	agagaaatat	actatctcac	2460
cagtatttgc	tctcgactca	agaagggtta	cattttctga	ttcatgttag	actttgaaga	2520
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tcaattatcc	attcttataa	gaagggaagat	gattgtaaag	aaatatctcc	gaagttaaaa	2640
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gttttgggga	tctctttcct	agattagctt	ctgaaatcat	tattagctat	atcatttgag	2880
gttttctaca	atttgggtata	actaagaatt	taaaaatgtt	ttatcatata	tatttgtata	2940

attaattact	ggcatggtta	aagtgggtatt	tcactttttaa	aatggagaaa	atttcagtta	3000
aattaatagg	ataaaccagg	ttgcgaactg	atgacctgta	ggccatgtta	gcactgcaaa	3060
tatatttggg	ctgaatgata	ttgatattgg	acacatagta	cttttacatg	ttttgaatgt	3120
attgctaata	tttaaaaatt	gagagatctt	gcataaacia	tagattccca	aaaaaaaaa	3179

```

<210> 7357
<211> 1438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (264)...(739)
<223> similar to gi2583079 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	7357						
cgactccgcc	gactacgcgc	cttgggggtcc	gggtcgcttt	ccccgggacc	tggccggaaa	60	
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tcggtggctc	agctgggtaa	ccggggatca	ccatggcggc	ctcattgggtg	gggaagaaga	180	
tcgtgtttgt	aacgggggaa	gccaagaagc	tggaggaggt	cgttcagatt	ctaggagata	240	
agtttccatg	cactttgggtg	gcacagaaaa	ttgacctgcc	ggagtaccaa	ggggagccgg	300	
atgagatttc	catacagaaa	tgtcaggagg	cagttcgcca	ggtacagggg	cccgtgctgg	360	
ttgaggacac	ttgtctgtgc	ttcaatgccc	ttggagggct	ccccggcccc	tacataaagt	420	
ggttttctgga	gaagttaaag	cctgaagggtc	tccaccagct	cctggccggg	ttcgaggaca	480	
agtcagccta	tgcgtctctgc	acgtttgcac	tcagcaccgg	ggacccaagc	cagcccgtgc	540	
gcctgttcag	gggccggacc	tcgggccgga	tcgtggcacc	cagaggctgc	caggactttg	600	
gctgggaccc	ctgctttcag	cctgatggat	atgagcagac	gtacgcagag	atgcctaagg	660	
cggagaagaa	cgctgtctcc	catcgcttcc	gggccctgct	ggagctgcag	gagtactttg	720	
gcagtttggc	agcttgactt	ctgcagctgg	aggaggcccc	tcaggccggg	gatctgggga	780	
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gagtgagggc	gtggggagga	accatgcaaa	tcgccttcca	tgggtttttaa	atgcagtaaa	1080	
taacatttct	ggatgagact	tgtttccaaa	ataaaccagc	tatatctgtt	ttgaaaaaaa	1140	
aaaaaaaagg	ggggcccgtt	ttaaagaacc	cttggggggc	ccaaatttaa	cccgggctgg	1200	
caaggaaaaa	tttttttcc	tatggggggc	cttttttaac	cctacttggg	aatttttgga	1260	
aagaaccttt	tttttggggg	gggaacatat	tggcccaacc	tcctccaaa	atttaaaggc	1320	
tttagggaaa	aaaaaaattt	ttaaggggaa	aagggggaaa	aacaacctca	atatacctgc	1380	
tgttgaaaag	ttttttttcc	gggggtttgtt	ttaaaaaaat	tttttccccg	ggacttgg	1438	

```

<210> 7358
<211> 2392
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (92)...(2004)
 <223> similar to gi2323410 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7358

gcgactcgtc	ccgccttctg	gggcactagt	ttgactttgt	gattggctac	tagtatcaag	60
gaatcccggc	gtggacagcg	cgaggagaaa	gatggcggcg	atggcggtcg	ggggtgctgg	120
tgggagccgc	gtgtccagcg	ggagggaccct	gaattgctgc	cccgaaatag	ctgacacact	180
aggggctgtg	gccaaagcagg	ggtttgattt	cctctgcattg	cctgtcttcc	atccgcgttt	240
caagagggag	ttcattcagg	aacctgctaa	gaatcgcccc	ggtccccaga	cacgatcaga	300
cctactgctg	tcaggaaggg	actggaatac	gctaattgtg	ggaaagcttt	ctccatggat	360
tcgtccagac	tcaaaagtgg	agaagattcg	caggaactcc	gaggcggcca	tgttacagga	420
gctgaatttt	ggtgcatatt	tgggtcttcc	agctttcctg	ctgcccctta	atcaggaaga	480
taacaccaac	ctggccagag	ttttgaccaa	ccacatccac	actggccatc	actcttccat	540
gttctggatg	cgggtaccct	tgggtggacc	agaggacctg	agagatgata	taattgagaa	600
tgcaccaact	acacacacag	aggagtacag	tggggaggag	aaaacgtgga	tgtgggtggca	660
caacttcagg	actttgtgtg	actatagtaa	gaggattgca	gtggctcttg	aaattggggc	720
tgacctccca	tctaatacatg	tcattgatcg	ctggcttggg	gagcccatca	aagcagccat	780
tctccccact	agcattttcc	tgaccaataa	gaagggattt	cctgtttctt	ctaagatgca	840
ccagaggctc	atcttcaggc	tctcaagt	ggaggtgcag	ttcatcatca	caggcaccaa	900
ccaccactca	gagaaggagt	tctgtccta	cctccaatac	ctggaatact	taagccagaa	960
ccgtcctcca	cctaatacct	atgaactctt	tgccaagggc	tatgaagact	atctgcagtc	1020
cccgtttcag	ccactgatgg	acaatctgga	atctcagaca	tatgaagtgt	ttgaaaagga	1080
ccccatcaaa	tactctcagt	accagcaggc	catctataaa	tgtctgctag	accgagtacc	1140
agaagaggag	aaggatacca	atgtccaggt	actgatggtg	ctgggagcag	gacggggacc	1200
cctggtgaac	gcttccttgc	gggcagccaa	gcaggccgac	cggcggataa	agctgtatgc	1260
tgtggagaaa	aacccaaatg	ccgtggtgac	gctagagaac	tggcagtttg	aagaatgggg	1320
aagccaagtg	accgtagtct	catcagacat	gagggaaatg	gtggctccag	agaaagcaga	1380
catcattgtc	agtgaacttc	tgggtcatt	tgctgacaat	gaattgtcgc	ctgagtgctt	1440
ggatggagcc	cagcacttcc	taaaagatga	tgggtgtgagc	atccccgggg	agtacacttc	1500
ctttctggct	cccattctct	cctccaagct	gtacaatgag	gtccgagcct	gtagggagaa	1560
ggaccgtgac	cctgaggccc	agtttgagat	gccttatgtg	gtacggctgc	acaacttcca	1620
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ccgctcatat	accattggcc	tctagccctg	cgtgccaaagt	gtccagagcc	ttggaagcag	2040
cttcagggtt	tgtctctgta	gtacagaagg	tgcagtacat	ctatgggctg	tgattcccct	2100
tgcccatcag	agaggagcat	ttcaatctgc	tttctgcct	tacatcaagg	tgggcaaggg	2160
attataatta	attgcagggc	tcaagccacc	aatctatgaa	gacctcaggc	cagggggtga	2220
ggaattagtg	ctggatttga	agctacgcac	tcagcctcaa	gaactccctg	gaatatccct	2280
gagaacatgg	ggtttgaacg	gattttcagc	ctttttctgt	tcttgttttg	atgggtttgt	2340
gtaagaggaa	atacaataa	agttatagcc	ctttactgca	cgaaaaaaaa	aa	2392

<210> 7359

<211> 1430
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (36)...(986)
 <223> similar to gill100182 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7359
 atctggtaaa gctcccatcc tgccctgacc ctgccatggg caccagcctc ctctgctgga 60
 tggccctgtg tctcctgggg gcagatcacg cagatactgg agtctcccag aaccccagac 120
 acaagatcac aaagagggga cagaatgtaa ctttcagggtg tgatccaatt tctgaacaca 180
 accgccttta ttggtaccga cagaccctgg ggcaggggccc agagtttctg acttacttcc 240
 agaatgaagc tcaactagaa aaatcaaggc tgctcagtga tcggttctct gcagagaggc 300
 ctaagggatc tttctccacc ttggagatcc agcgcacaga gcagggggac tcggccatgt 360
 atctctgtgc cagcaccaaa cggctaggac gggttgagctc ctacaatgag cagtattttg 420
 gccaggcac ccggctgaca gtgctcgagg acctgaaaaa cgtgttccca cccgaggtcg 480
 ctgtgtttga gccatcagaa gcagagatct cccacaccca aaaggccaca ctggtgtgcc 540
 tggccacagg cttctacccc gaccacgtgg agctgagctg gtgggtgaat gggaaggagg 600
 tgcacagtgg ggtcagcaca gaccgcagc ccctcaagga gcagcccgcc ctcaatgact 660
 ccagatactg cctgagcagc cgctgaggg tctcggccac cttctggcag aacccccgca 720
 accacttccg ctgtcaagtc cagttctacg ggctctcgga gaatgacgag tggaccagg 780
 atagggccaa acctgtcacc cagatcgtca gcgccaggc ctggggtaga gcagactgtg 840
 gcttcacctc cgagtcttac cagcaagggg tctgtctgct caccatcctc tatgagatct 900
 tgctagggaa ggccaccttg tatgccgtgc tggtcagtgc cctcgtgctg atggccatgg 960
 tcaagagaaa ggattccaga ggctagctcc aaaaccatcc caggtcattc ttcacccca 1020
 cccaggattc tctgtacct gctcccaatc tgtgttccta aaagtgattc tcaactctgct 1080
 tctcatctcc tacttacatg aatacttctc tcttttttct gtttccctga agattgagct 1140
 cccaaccccc aagtacgaaa taggctaaac caataaaaaa ttgtgtgttg ggccctgggtg 1200
 catttcagga gtgtctgtgg agttctgctc atcactgacc tatcttctga tttagggaaa 1260
 gcagcattcc cttggacatc tgaagtgaca gccctctttc tctccaccca atgctgcttt 1320
 ctctgttca tctgatgga agtcctcaa caccatttcc ataccaggc attctgggtc 1380
 cccactggag ggtagtctg aagggaatg gctgggcttt ggaaaaccag 1430

<210> 7360
 <211> 2305
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2154)...(689)
 <223> similar to gi5052315 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7360
tttttttttt ttctttcaaa caagacaggc tttatttaga tcaccaaaaa taacatttta 60
cagaaaggga accataacat tacacaacaa agtatagctg taaaatctca aataagaaag 120
gcaatgcttt ctttagatca ccaaaaataa tgtttcacag agaggggaacc gttagaagca 180
aatgcatagc tgcaaatttt cttttgccat caatatcgat tccctctaaa atactttgag 240
actactttgt ggtttccgag tacaaaactaa accttttttg acagagttgc tcggcttcat 300
caaaaaaata aaaccaattt gcaaaaaaaa atttgtttta tgctaacaaa taaagagaca 360
atgtggttct tgctaactaa ctgcaatgtc tactgaaatg gcctaaccta ttccacgaat 420
atttcactgt gaacatagtt gctttttcct tgccatcaca gatggcctgc aaagtaacaa 480
gtgtcgtgtc agagcacttt caggcaccac gggaatcatt cctaacagaa taactgcagt 540
atgtgggcaa ctcaaacaac agagcccaa ggtgggcatt gtgtttgcgc tgtgggtaaa 600
gaccaccac cttgttagtt attcacctgg aaccagagc gccaaactag acagagcagt 660
tgctcttaca gaaccaacaa cattttaata aattgcccgg gggttcttgg tgctgtaatg 720
tgccctacag gcagcgacat aagccgactc tgggaagaag tcatcggtgtt attctgctaa 780
aaacctcaaa aagagatcaa agtgcttcaa taaagccttc agattcttct cagaaaagga 840
catctttcca aggatttctg gaagtttcac aaacaatcgc agcaaagtgt gtgccccata 900
aatgtaagag ggtggaggcg gctggtcacc tggggggtaa ttgtcaggca caagcttcca 960
ggagaggacc tcgtttatatt cattagttct tctcccttca aagccagcaa acacagcact 1020
cccttccttg ctaggagtca gaggaatagg tgaagatgat ctgctatgca cagggtgtctt 1080
cttttcagg tgcaagaaga gcttgggcat gctggcgat gtgtcctgct gccggcgctt 1140
gggctgaggt gaagcgctgc tctcagaaag cctgtcacag ttggcactgt ggcgcggtgga 1200
ccgcctcaga gactgcaatg cttctggctc agctttgcgc cttttggggg ttgctggttc 1260
accggtggtc ggctgactct ctgtggactg tggcgtggat ggattcaaca aaggcggact 1320
gggagagagt tcctcctggc tcctgttagt gcttgtggca ctttccttaa ttggaagaaa 1380
aaatttagac gaagtcacct ttttatactg agcttgttca tatggataga gtaaaaccaa 1440
cgggagagtg taatcaaagg ttattcttaa tccatccacc atctccttac aaaggtcaac 1500
attcttttct gctgggatat aatgcacgtt catgttggca tgtggcataa cgtgatggtg 1560
acgaggcctc tcattggctg aaaaggctgc attgatagca aaatgcttca cataggattc 1620
caaaatcggt atgatgttg tctggcatgg aagtttact aaccgtttcc tcctgttaat 1680
gtagtaacaa tcacctcca gctgcttctt cagaacttca gggatttcta tagttattgt 1740
tctttcttcc atttcccttc ttgtttgaag ctctggttct tctttcactt cagtcttttc 1800
ttcaatatca ctttcttcac ttatttcttc atccttgttt tctactacagt cagaggaact 1860
gcttaatgag ttttcatcat tttcatcttt ttcttcagt gggaggcctt ttaagacaga 1920
gtccacacca ggcaacctgc agcgcttctt ctttcttctt gtgctcctca gccgagctac 1980
agcttttctt gccaatctac gctgtaatct acgattttca tcggtatcac gaagcacatg 2040
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tgggatcttt ctgccttttt cgtctttccc aacaataaca tcaacaatct gaaacgaaga 2160
aatatttccc acaaatggca gaacatacag aaaattagaa gttagatcag gaaaactaat 2220
tcacagaccc ttttttaaa aaagcattct ctctctttt agaccgacag ccgggttgaa 2280
atatttttcc tttcatcctc gtgcc 2305

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<210> 7361

<211> 2425

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (139)...(530)

<223> similar to gi2196870 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7361
tttcgtggaa gaggcggcgg cggcggcaga agcggcggcg gcggcggcgg cgggagccga      60
ggaggagggt cccggacgtg cttaggaacc ggggactcag gagggccgc gccctgagcg      120
ctcagctcca gaggcgtcat ggctgagtag gggaccctcc tgcaagacct gaccaacaac      180
atcacccctt aagatctaga acagctcaag tcggcctgca aggaagacat ccccagcgaa      240
aagagtgagg agatcactac tggcagtgcc tggtttagct tcctggagag ccacaacaag      300
ctggacaaaag acaacctctc ctacattgag cacatctttg agatctcccg ccgtcctgac      360
ctactcacta tggtggttga ctacagaacc cgtgtgctga agatctctga ggaggatgag      420
ctggacacca agctaaccgg tatccccagt gccaaagaag acaaagacat tatccggcag      480
ccctctgagg aagagatcat caaattggct cccccaccga agaaggcctg agcaaggggg      540
aggaagagga ggaaggttgg accttcatca gaccactccc ttcccccatc ctccaggaga      600
ggggggcaagg gcaaccacc atctaccac ttactaacct ggtcctaacc cccttactgt      660
gcgcgtgtgt gtgcgtgtgc gcacgctctg gctgtttgtc tatatgtcta gctcatctag      720
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cattgaggag ctgacatagg ggtaaggtag gggagaggta ggtggatcca gggaaaagca      960
gtggggacgg aaggcaaaga gaccactcaa cccccacctg gaaggggcaa agaaaagcca     1020
gagttccatg tttgtactcc tgtgctggac tgtttcctga gtaccagcag gtcccttttt      1080
gtctctcatg ggcctagcat aggtatgagc cagggatcct ttcttggtcc ctaagatcaa      1140
accccatgga gcagccagcg ttagatgccc ccacccacct gtactctgga gagagtgtgc      1200
tgggaacatg taccactgag cctgagatgg ggatgagggc agagagaggg gagccccctc      1260
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agacccttag gttttaacac gaatcctgac accaccatct ataggggtccc aacttggtta      1380
ttgtaggcaa ccttccctct ctcttgggtg aagaacatcc caagccagaa agaagttaac      1440
tacagtgttt tcttttgcac cgatccccac cccaattcaa tcccggaagg gacttactta      1500
ggaaaccctt ctttactaga tatcctggcc ccttgggctt gtgaacacct cctagccaca      1560
tactacagt acagtgagtg accccagcct cctgcctacc ccaagatgcc cctccccacc      1620
ctgaccgtgc taactgtgtg tacatatata ttctacatat atgtatatta aaactgcact      1680
gccatgtctg cctttttttg tgggtgtctag cattaactta ttgtctaggc cagagcgggg      1740
gtgggagggg aatgccacag tgaagggagt ggcagaatca aattgctaca tagtccaaac      1800
aaaaaagaag gctttttcaa aaaacattaa attcacatgc agtctcagag actattttaga      1860
caaagttcaa gttaggagct tttaggatgt gggagtaaaa ctttaatggg aggggagggc      1920
tggctgctgg aagaaggag aagccagact ggtagacag tactcttaac tcctagccca      1980
gcctagcgtg ccctgccccct ctggccactg ctgcagacac ctgccctaac acacacacct      2040
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tctcccttaa gaagagagag atacttgtag aattgggtgg ggggaatgag catgaactgt      2160
ccttccattt gggatatgtt acattagagt gagagagaga ataaggagcc tttcttatgg      2220
aagaaatggg agaagagaga cagggttctt ttcagcagag tctagtatt tctctgtaag      2280
gcaaaataat ctaaaaagac taacctgccc acccactcct tatattgctg tgagattgcc      2340
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gattgattgt attgcaaaaa aaaaaa      2425

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<210> 7362
<211> 791
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (28)...(408)

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<223> similar to gi3255999 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7362

aacagtgttc	taactattaa	cgctacgatg	cctgaaccta	ccaagtctgc	tcttgcccca	60
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cgagccgca	aggagagcta	ttcagtgtat	gtgtacaagg	tgctgaagca	ggtccatccc	180
gacaccggca	tctcttccaa	ggcaatgggg	atcatgaatt	ccttcgtcaa	cgacatcttc	240
gagcgcatcg	caggcgaggc	ttcccgcctg	gcgcattaca	acaagcgctc	gaccatcacc	300
tccagggaga	tccagacggc	cgtgcgcctg	ctgcttcggg	gggagctggc	caagcacgcc	360
gtgtcggagg	gcaccaaggc	cgtcaccaag	tacaccagtt	ccaagtaact	ttgccaaggg	420
agagacatga	agacagagga	gaaatgaatg	cataaaataa	ctgacaatat	gaatctatac	480
atagaactta	ggaagtctca	tctgcctgaa	aatgactgtg	tggatcccac	ccaaatccaa	540
ctcatcctgg	tttgctgcac	actggttcat	caaaagaagg	ttaccgaggg	gaaggaacta	600
aaggtgtttg	cacttcatgt	tactttttga	gtttataaac	ataaaaacca	gaattttacty	660
tctgttacag	acctagttac	tgggaattca	ttacttgcca	tggactacct	ttgctaagaa	720
aagtctgaat	gagaagatgg	caggacgtct	gaaaaaaaaa	gttataatta	ataaaatctg	780
cggagaattg	t					791

<210> 7363

<211> 2352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2353)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (173)...(1928)

<223> similar to gil83002 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7363

aaaggtgtgct	taacttctaa	ttatttgatc	actgaggaaa	atccagaaaag	ctacacaaca	60
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actttacctg	gactgaagat	aaaagcacag	acaagagaac	aatgccctgg	acatggctcc	180
agagatccac	atgacaggcc	caatgtgcct	cattgagaac	actaatgggg	aactgggtggc	240
gaatccagaa	gctctgaaaa	tcctgtctgc	cattacacag	cctgtggtgg	tgggtggcaat	300
tgtgggcctc	taccgcacag	gaaaatccta	cctgatgaac	aagctagctg	ggaagaataa	360
gggctttctc	ctgggctcca	cagtgaatc	tcacacccaa	ggaatctgga	tgtggtgtgt	420
gcctcacccc	aaaaagccag	aacacacctt	agtcctgctt	gacactgagg	gcctggggaga	480
tgtaaaagaag	ggtgacaacc	agaatgactc	ctggatcttc	accctggccg	tcctcctgag	540
cagcactctc	gtgtacaata	gcatgggaac	catcaaccag	caggctatgg	accaactgta	600
ctatgtgaca	gagctgacac	atcgaatccg	atcaaaatcc	tcacctgatg	agaatgagaa	660

001210"5228460

tgaggattca	gctgactttg	tgagcttctt	cccagatttt	gtgtggacac	tgagagattt	720
ctccctggac	ttggaagcag	atggacaacc	cctcacacca	gatgagtacc	tggagtattc	780
cctgaagcta	acgcaaggta	ccagtcaaaa	agataaaaaat	tttaatctgc	cccgactctg	840
tatccggaag	ttcttcccaa	agaaaaaatg	ttttgtcttc	gatctgcca	ttcaccgcag	900
gaagcttgcc	cagcttgaga	aactacaaga	tgaagagctg	gaccctgaat	ttgtgcaaca	960
agtagcagac	ttctgttcct	acatctttag	caattccaaa	actaaaactc	tttcaggagg	1020
catcaaggtc	aatgggcctc	gtctagagag	cctagtgtctg	acctatatca	atgctatcag	1080
cagaggggat	ctgccctgca	tggagaacgc	agtcctggcc	ttggcccaga	tagagaactc	1140
agccgcagtg	caaaaggcta	ttgcccacta	tgaccagcag	atgggccaga	aggtgcagct	1200
gcccgcagaa	accctccagg	agctgctgga	cctgcacagg	gttagtgaga	gggaggccac	1260
tgaagtctat	atgaagaact	ctttcaagga	tgtggaccat	ctgtttcaaa	agaaattagc	1320
ggcccagcta	gacaaaaagc	gggatgactt	ttgtaaacag	aatcaagaag	catcatcaga	1380
tcgttgctca	gctttacttc	aggtcatttt	cagtcctcta	gaagaagaag	tgaaggcggg	1440
aattttattcg	aaaccagggg	gctattgtct	ctttatttcag	aagctacaag	acctggagaa	1500
aaagtactat	gaggaacca	ggaaggggat	acaggctgaa	gagattctgc	agacatactt	1560
gaaatccaag	gagtctgtga	ccgatgcaat	tctacagaca	gaccagattc	tcacagaaaa	1620
ggaaaaggag	attgaagtgg	aatgtgtaaa	agctgaatct	gcacaggctt	cagcaaaaat	1680
ggtggaggaa	atgcaaataa	agtatcagca	gatgatggaa	gagaaagaga	agagttatca	1740
agaacatgtg	aaacaattga	ctgagaagat	ggagagggag	agggcccagt	tgctggaaga	1800
gcaagagaag	accctcacta	gtaaaacttca	ggaacaggcc	cgagtactaa	aggagagatg	1860
ccaaggtgaa	agtacccaac	ttcaaaaatga	gatacaaaaag	ctacagaaga	ccctgaaaaa	1920
aaaaaccaag	agatatatgt	cgcataagct	aaagatctaa	acaacagagc	ttttctgtca	1980
tcctaacca	aggcataact	gaaacaattt	tagaatttgg	aacaagtgtc	actatatattg	2040
ataataatta	gatcttgc	cataacacta	aaagtttaca	agaacatgca	gttcaatgat	2100
caaaatcatg	ttttttcctt	aaaaagattg	taaattgtgc	aacaaagatg	catttacctc	2160
tgtaccaaca	gaggagggat	catgagttgc	cgccactcag	aagttttattc	ttccagacga	2220
ccagtggata	ctaaggaaag	tcttaggtaa	aaatcttggg	acatatttgg	gcactggttt	2280
ggccaagtgt	acaatgggtc	ccaatatcaa	aaacaaccat	cctagcttcc	tagggaagac	2340
agngtacagt	tc					2352

<210> 7364

<211> 5078

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (57)...(2603)

<223> similar to gi3327114 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7364

cgggctcgacc	cacgcgtccg	gatgaaccta	aacattttaa	atgtgaaatg	aaaggaggaa	60
aaacagtaca	gatgggccaa	gagcttcaag	gagaagtagt	tataataatt	acggatcagt	120
acggaaatca	gattcaagca	ttttcaccaa	gttctttatc	ttctttgtca	attgctgggg	180
ttggacttga	tagctcaa	ttgaaaacaa	ccttttcagga	aaacacacag	agtataagtg	240
taagaggcat	caaatttatt	ccaggtcctc	ctggaaataa	ggatctttgt	tttacttggc	300
gtgagttttc	tgactttatt	cgagtgaac	taatttcttg	acctcctgct	aaacttctcc	360
ttatagactg	gccagaacta	aaggagtcca	ttccagtgat	taatggaaga	gatttacaga	420
accctattat	tgttcaactt	tgtgatcagt	gggataatcc	agcaccggta	caacatgtta	480

aaataagtct	tacaaaagct	agcaatttaa	agctcatgcc	ttcaaacc	cagcataaaa	540
cagatgagaa	aggcagggt	aatttgggag	tattcagtg	tttggccct	aggggagagc	600
atactcttca	ggttaaagcc	atctataaca	aaagtatcat	agaaggacct	ataattaagt	660
taatgattct	tccagaccca	gaaaaacccg	ttcgtctcaa	tgttaaata	gacaaagatg	720
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ccagtgggaa	cgcaccccca	gcaaatgcag	aaacatttag	ttgtaataaa	ataaaagata	900
atgacaaa	agatggctgc	ttctattttca	gggataaagt	aattccta	aaagtgggga	960
catattgtat	ccagtttggt	tttatgatgg	ataaaacaaa	tattctcaac	agtgaacagg	1020
ttatagttga	agtcctgcct	aatcaacctg	tgaagttagt	acctaaaatt	aaaccaccta	1080
caccagctgt	ttcaaatggt	cgctcagttg	ccagtaggac	cttggtcaga	gatctacatc	1140
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ccaccattaa	aggctcta	gaggaagata	ctgatacccc	actttttatt	gggaaagtta	1260
gaacacttga	attccccctt	gtgaatgggt	cggctgaaat	catgagtctg	gtgctggcag	1320
aaagtatgcc	tggaaaggat	agtactgaat	attttattgt	atgtgagccc	cggctaccac	1380
ttttatcaag	aaccttagaa	ccatatatcc	taccgttcat	gttttacaat	gatgttaaga	1440
agcagcaaca	aatggcagca	cttaca	aaaaggacca	attatctcag	tctattgtta	1500
tgtataaaa	tttatttgaa	gccagccaac	agcttcttaa	tgaatgaaa	tgtcaagttg	1560
aagaagcaag	attaaaagag	gcccaattgc	gaaatgaact	aaaaatacat	aatattgaca	1620
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atctggatgc	ggccaatcat	tatagaaaag	aggttggtta	aattacacac	tgtcctacac	2160
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cagacattat	gccctttgg	tgtcactacc	ttgcaaatgt	gtaagaggaa	aatgtgctaa	2880
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ccaagtttta	taactattgt	ttgtttgact	ttaatata	ctagaatatg	tagtctcaag	3360
ccttaatttt	acattttacat	tattttgtaa	ttttttatta	ctatttttta	gggtttaaag	3420
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tgttacagaa	gaaacaaaat	ggtaattaca	gaattagctg	tggggaagat	tggctcccat	3840
ggtactacag	gttgagtatc	ccttattcaa	aatggttggg	acctgaagtg	ttttggattt	3900

tggttttttg	tgggggtttt	aaattattat	tttggaaatat	ttgcattata	tttaccaatt	3960
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cttatgtgtc	atatctgctc	tcaaatgttt	tgaatttttg	aacatttctt	gtttctgact	4080
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gaaaatgatt	gattgatagg	taagaaaggt	taaagagaaa	taacttttta	ggaactagac	4200
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agtcagtgtt	taaatccaag	gcattgagac	tatctagaag	caaaaaagtt	ggtttttaaaa	4320
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ctcactacat	tgcccaggct	agtcttgaac	tcctgggttc	aagcagtctt	cctgccttgg	4440
cctcctaagt	agcagggatt	acaggcatgc	acccacatgc	caatttttat	tgcttaaaat	4500
ggcgagttct	atggatatta	tctagcccca	agcccatatc	tgtacacttt	tgttcatttt	4560
ataataccag	aaagaatggt	ctatcagtaa	aagaagggtt	taagtatgaa	tctccatttt	4620
tgtggagttt	ttctaccctg	taaaaattaa	ctttgtgggt	cccagtaatt	acagtaagga	4680
gtttttctat	attttcacag	ttggatttat	ctaaggatat	ttctcagcat	attaaggaat	4740
ccttttctac	atttgagcaa	atactgaggt	tcatgttgta	ccaaataata	ataaattgct	4800
tttgtgttta	atatgtaaca	cgtaagaaca	attgaaattt	tcttctaaga	tttaatacta	4860
gtcttttagt	ataaaggaat	gtaactggag	aaaaaaatta	atgctacagc	ccatttatcc	4920
tgtgttatgt	gttatataat	ctgaaatttg	tcacaatgtt	acaatcagga	agtttttttt	4980
ctggtttctt	cttccaaagg	aaaataatag	cctacttgta	tatttgaagt	aactgaaata	5040
aaactctcta	cgagcacttt	ttgcataaaa	aaaaaaaa			5078

<210> 7365
 <211> 1803
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (333)...(1422)
 <223> similar to gil314316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7365						
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agagtgaactg	agttctcact	ctgttctttc	ctgagaaagc	tgattgttaa	aaagatcctg	180
gcattctccct	tctctctctt	acttcctctc	tcaccatgtg	atctctgcat	acactggctc	240
cccttctcct	tctgccatga	gtggaagcag	cctgaggctc	tcatcagaag	cagatgctgg	300
tgccatgctt	cttgtagagt	ctgcagaacc	ggaaaccatc	tttgtatggc	agcctgactt	360
gtcaaggaat	tggcctagat	ggcatcccag	aggttacagc	ttcagaagga	tttactgtga	420
atgaaataaa	caagaaaagc	attcatattt	catgtccaaa	ggaaaatgca	tcttctaagt	480
ttttggcacc	atatactact	ttttccagaa	ttcatacaaa	gagtataaca	tgcttgagca	540
tttccagcag	aggaggtctt	ggtgtgtctt	ctagtactga	cgggaccatg	aaaatctggc	600
aggcttccaa	tggagaactc	aggagagtat	tggaaaggaca	tgtgtttgat	gtgaattggt	660
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tatggtcagc	tgaagatgct	agctgcgtgg	tgacctcaa	aggtcacaaa	ggaggtatcc	780
tggatacagc	catcgttgat	cgggggagga	atgtgggtgc	tgcttctcga	gatgggacag	840
cacgactttg	ggattgtggg	cgtcagcct	gcttgggagt	ccttgagat	tgtggttctt	900
ctatcaatgg	agtggcggtg	ggtgctgctg	acaactccat	aaaccttggc	ttccctgagc	960
agatgcccg	tgaacgggag	gttggaaacag	aggccaaaat	gctgctcttg	gcccgggaag	1020


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ccgaggggca ctgagctcac tgaccctctt tccctccgga gtgaagatat ttttcagcca 1140
ttcatatgtc atgaaataca ttccactagc tgggacatct cgcataaggg taagcacagt 1200
ccctttgtag atgcctcggg tcccaaactc ctggtacagc ttctttgcac agtccaaggt 1260
accagtgtac ttgctttctc ctgaagaagc ctgaatctgt aataagcact tgatccgttc 1320
tccaggagtc atgattcctg tgggtgaatac gccagataac atcccagctg caaaaagctg 1380
gggatatgctg agcacatctt ctgggtgttt ctgttgtagt ttcttcccca aaccaaacc 1440
aaagaagcac acggcaaaca tgggagtgac cccgatgata ggggcagcca ttccccgata 1500
tagccccgtg atgccctctc taaaaagagt cttccggaaa cagtcaaagg tcccagagta 1560
catgggaggt tgtccaggca aactcgggtg ctgtgtctgc agtcggacct tgaccgtgtc 1620
cagaggggtga ccgacgaaca ccaggcacac gccgccaaag ccgccggcca gcaggttctt 1680
gagcgggctg atgggttttg gctggtcggc catggtcagt ccgtctgtca ctccgtctgt 1740
cagttctcgg gccgtcctgg cttctcagcc ccagctgcag tgccggcgcc gcggctcgtg 1800
ccgangtcnn tcaagcgtca atnccccacc t 1831

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<210> 7367
<211> 733
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(433)
<223> similar to gi2213577 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7367
ccaccaacca aggccaagga gaccagagcc cagcacctca cccagaggac cccagtcaga 60
ggccccatct cagacccgag gctagcatgg gctgcaggct gctctgctgt gcggttctct 120
gtctcctggg agcgggtccc atggaaacgg gagttacgca gacaccaaga cacctgggtca 180
tgggaatgac aaataagaag tctttgaaat gtgaacaaca tctgggtcat aacgctatgt 240
attggtacaa gcaaagtgtc aagaagccac tggagctcat gtttgtctac agtcttgaag 300
aacgggttga aaacaacagt gtgccaagtc gcttctcacc tgaatgcccc aacagctctc 360
acttattcct tcacctacac accctgcagc cagaagactc ggccctgtat ctctgcgcca 420
gcagccaaga cacagccttg cagagtcacc gctttcctgt gcagaaacct taggggccct 480
ccaggaagct gtggggggcca ccaaacgctt cggatgaacat ttcttgcaag agccccgaca 540
gaagattcag aacatcatag cacctgctca ttcatccatg tggcaacgtt acatcctatg 600
ctcatattta gagtgtgggt tttcttttagc gtgtgactct gccctgttaa ctgatttgaa 660
aaatgataaa cacattcaga tctagtcttt ttaaaatccc tttttaaat gtaaaaataaa 720
gcaagcatgc tat 733

```

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<210> 7368
<211> 827
<212> DNA
<213> Homo sapiens

```

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<220>

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<221> misc_feature
 <222> (1)...(828)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (66)...(410)
 <223> similar to gi4756904 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7368
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 agcctgcacc gcccgagaag gtcggctggg tccggaaatt ctgcgggaaa gggattttca 120
 gggagatttg gaaaaaccgc tatgtggtgc tgaaagggga ccagctctac atctctgaga 180
 aggaggtaaa agatgagaaa aatattcaag aggtatttga cctgagtgac tatgagaagt 240
 gtgaagagct ccggaagtcc aagagcagga gcaagaaaaa tcatagcaag ttactcttg 300
 cccactccaa acagcccggg aacacggcac ccaacctgat ctctctggca gtgagtccag 360
 aagagaagga atcgtggatc aatgccctca actctgccat caccggagcc aagaaccgta 420
 tcttgatga ggtcaccgtt gaggaggaca gctatcttgc ccatcccact cgagacaggg 480
 caaaaatcca gcactcccgc cgcccccaa caaggggaca cctaattggt gtggcttcca 540
 cctctacctc ggatgggatg ctgaccttgg acttgatcca agaggaagac cttcccttg 600
 aggaaccaac ctctttgtgc tgagagcttt cgggttgacc tggacaagtc tgtggcccag 660
 ctggcagggg gccggcgag agcggactca gaccgcatcc agccctccgc agaccgggca 720
 ancagtcttt ccgaccttgg gaaaaaacag acaaaggggc actacacccc caggcaccaa 780
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<210> 7369
 <211> 1803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (916)...(1369)
 <223> similar to gil613852 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7369
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 gtgtctctga gcaaatcccc aaagcaggag agtccctagc accgtgagct ctgtcagaac 180
 ctcccagctg gcctttcttc tgccctcatt gacaaccctc tgaccctctt gctgagcata 240
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 cgggaggagt gggggctgct gggcccgaca cagaggaccg agtaccgcca tgtgatgctg 360
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 gctccaaatt ctgacattcc tgaggaagaa ccagcccca gcctgaaagt acaagaatcc 480
 tcaagggatt gtgccttgct ctctacatta gaagatacct tgcagggtgg ggtccaggaa 540

ctggtgtccc	catcttttggc	agccagctca	acgttaacag	attcaagcat	gctctctcca	960
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agtccagtgg	ggaatggatt	tgtaaactca	agagcttctc	caaatttgat	tggagctact	1140
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aaagttgagc	caaactcttt	gtgtatatag	catcttaaat	atattatcac	ctttgatgta	3060
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ttaaatatac	tgtacttttg	attttaatta	ttagcccagt	tttttcagag	gattgtataa	3240
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atggggttgag	catcattata	tattttgtat	gtgtacataa	atagcaaagt	ggcaaaaaaa	3360
attggggggt	aagtccaacc	cgaataagaa	taaaatgtgt	tgtaacagat	tttataaggc	3420
attattttaac	acttgccctt	tgtgaggaaa	actgtagtag	aacagctgac	ctaatttaac	3480
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<210> 7371
 <211> 2856
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2788)...(1579)

<223> similar to gi5101766 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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atacaaatat cataagcatt atcaaatataa ataactggca ctagtggtat aagcatatta    180
atggacctgg tagggaaaag tgatggaaga agactgcagc ccatggcatt tttcttttta    240
ccaaaagaaa acgctcagta gcaccataat ggtaatactt aaaagaaata cataagatag    300
aacatttttaa ctgctatcat tgagggttaac ctgcttttat ttaagtgaat tatacaggaa    360
attaacagta caggcagtat tttggccaac ttctgcttat gtcagctgaa cattgtccat    420
aaacaaaagc aaaagaaaat aatgctaata atacatggac cttttgtact tgggtacaagt    480
tctgcaccgt gctttgattt catggttgga gaagatatgc atgtgtttaa aactgaggtt    540
atgtaaagtt attcactaaa gcctgagtgt gtctttggta ggctaatact ttttcagcat    600
tattaatcac attcatgttt atctatttcc tgtattttta tatataatcc aaggtgacca    660
gagaagacat ggaaaacaac acagcaaat cctcaaataa ctaggccatt aaaaccagtt    720
cgatcccaaa ggcaccaaga atcaatgggg tacaacttc cccttagaga aaggtggatt    780
ttttgtaata cttataacct aatgggactt tattttgtag ttttatgtat cttatttgtt    840
gctgtcatat gcttaattac ttacctttac attttttcct ctaagatggc atcaacaata    900
aacaagatag agtaccaggt atttctatatt caaagtgttg caaaaactgc cacaatcttg    960
ctcaaagtgt ctaagtatcc aaatggtagc aaatgagctg cattaagctt tatataacca   1020
cattgcatat gaagaaaaaa aatgaaattt atgccgatat aaatagaaat gttacagagt   1080
atcatatact gagagtaacc tatgcagttc ttttaaactt atctcttttag tggtttcaat   1140
aaaaatcac taaccactta tccctaaagc ctcaagtttt cttcatttga atgctgtaga   1200
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cttcaagcaa tgttttgtgg caaacacaca aaacatgctt tgctcttcaa atttattatc   1320
cttaaaataa tgcactttta aagccttcac ttcatagttt ggtaactaag atccacatga   1380
cacacaatgc cttgctgaac acagaaaatg tatctgcatt atgataatga aaccgggctt   1440
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tacagtggta attattctgc agcatttatg ggcctaaatt tcagtctgaa ttgcaacttt   1560
taattccatt gtctgatgtg agtggttgtt atttgtttct tttagtgcac cgccaaaata   1620
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tgaaacttct gaacaggaag cagtttgggt aaccacagaa atgctacact gatgtgggga   1740
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ataatcactg gaaccatgac tacaagaagt tttcatgctt tctaggtcag aacaactaaa   1860
ttcagaaaaa tgactagagt gagaatctgc tacagaaggc atactgtcac tgagggatgg   1920
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cccaccaaca cttccctccc ctatgcttgg gttgtgtctt gcttctgcta ctgatgttgt   2580
gtctacagct gtgttagttc caccaacatt tatatcattt tcatcatcaa attcaatcct   2640
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aactacgcca tagacataag ctaacataat aggaacaccg atacctacag tcaactgcagc   2760
tactactgga gacacgatta cagacaacgt tacaccacct gctatggcca aattccgttt   2820
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```

09463725.012100

<210> 7372
 <211> 2884
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2851)...(1458)
 <223> similar to gi4008442 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7372

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cagtagacac	agggtttcac	catgttggcc	aggctgatct	cgaactcctg	acatcagggg	180
atccaccac	ctcagcctcc	caaagtgggtg	ggattacagg	cgtgagccac	tgcgccctggc	240
ctgccccacc	taccttaagt	tcaaggagaa	gccatctccc	caggacccag	ccccaggcct	300
gcaccacaga	tgctcaaaga	cttgaggagaa	ctgatgaatt	cattttaatc	acagaaattt	360
gcctgggctt	gagcaaaactg	tggggactca	atagatttgg	aggcctcctc	tcccttctga	420
gaggcctgcc	tgcttctctgc	cctgatgaat	ccctaatttc	agtacaaact	gaggaacttg	480
aaaaacatct	gtgcactggg	accgcccctc	acaggagggc	tgaaagcagc	acagctgagt	540
cagcggcaca	ttcagcaggc	gttcagtggg	gaagcaggag	acagaggcgg	cgctcacagg	600
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cagctctgag	ctcaatcctt	gcacctcaga	agtgcattta	tgattaaaat	catgctcgac	720
atgaagccct	gttatgatgt	gcagttaa	aagagaaacg	ggtccaaatc	agcaccaaca	780
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aaaaatggga	cagcaacaca	atgagacaac	agagactgtc	tagaatataa	agaaaagaat	1020
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tggtg						2884

<210> 7373

<211> 1924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (282)...(634)

<223> similar to gi4105275 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7373

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gcaggccccc	cgcggggatc	tcggaagccc	tgcggtgcat	catgaagtcc	cagtacaagg	300
aggaccatcc	ctttgagtat	cggaaaaagg	aaggagaaaa	gatccggaag	aaatatccgg	360
acagggtccc	cgtgattgta	gagaaggctc	caaaagccag	ggtgcctgat	ctggacaaga	420
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ctcccaccgc	aaggagacag	aagggtgaaga	catctagaaa	cattacacca	cacacaccgt	780
catcacattt	tcacatgctc	aattgatatt	ttttgtgtct	tcctcggccc	agggagaaag	840
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cccaggggtg	gcagtagaca	acaaccaga	aatttagaca	gggatctctt	acctttggaa	1260
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ttaaactgga	attgacaaga	gtgttgagca	tccctgtcta	acctgctctt	tctctttggt	1380
gcccccttct	tcaccccttc	cttgggaattt	aataagcttc	aggcatttcc	aattgtagac	1440
taaaaccact	cttagcatct	cctctagtat	tttccatgta	tcaggaaaga	ggtgtcttat	1500
gtagggaggg	ggcaagtatg	aagtaaggta	attatatact	actctcatte	aggattcttg	1560
ctccccatgct	gctgtccctt	caggctcaca	tgcacaggaa	tgctacatga	tggccagctg	1620

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agtggggagc aggaattgca ctcagacatg acatttcaat tcattctctgc taatgaaaag 1800
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aaaa 1924
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<210> 7374
<211> 2079
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (625)...(1630)
<223> similar to gi5901743 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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gccaccgcca ggatggatag aatgacagaa gatgctcttc gcttgaatct gttgaagcgg 180
agcttgagacc cagcagatga gcgagatgat gtcctggcaa agcgactcaa aatggagggg 240
catgaggcca tggaacgtct gaaaatgttg gcattgtcga aaaggaagga tttggcaaat 300
cttgaggtgc cacatgagtt acccaccaaa caggatggca gtggtgtcaa gggctatgaa 360
gaaaaactta acgggaatct caggcctcat ggagacaaca ggactgctgg aaggccaggc 420
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cctagcccca gcgccatgac tgatgtgcc aactcacagg ctgcagccaa attggctctt 1200
cgaaaacagc tggaaaaagac actcctggag atcccacccc ctaaacctcc tgcctccctta 1260
cttcatttct tgcctagtgc agccaatagc gagttcatct acatggtagg cttggaagaa 1320
gtcgtacaga gtgtcattga cagccaaggc aaaagctgtg cctcacttct gcgggttgaa 1380
ccctttgtat gtgccagtg ccgcacagat ttcacccctc actggaagca agaaaagaat 1440
ggtaagattc tatgtgagca gtgtatgacc tccaaccaga aaaaggctct aaaagctgaa 1500
cacaccaacc ggctgaaaaa tgcatttgtg aaagccctac agcaggaaca ggtaagaatt 1560
ctgactgctc actggccacc tgtcccagtt tgttttttcc aaagggtcgc gccttctagt 1620
ttgcaggagt ggttcatgtg atccctacag gtccacaggt tccctttttg tctccttatt 1680
attgtgtcct atttccattt gagcgagtat tctgattaag aacatggtaa aatataatgg 1740
ctgagggttaa cagaaagggg cagaaagctt gggactcttg gcttttccat agcactctat 1800
tctcatcttc attttttctt aaaacaaata atagattttg gtgggaggaa tttatatattg 1860
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tgctataaat	ctctttgaaa	cagttatttg	cagtgcgtgt	ttgataagaa	atgacgaaag	1920
aaagagtgaa	ttatgaagta	gcccagtgaa	gagtagtggt	tctagagtat	gtgaacatct	1980
catgtagcag	ttataggatg	agaatatctt	agagaaggaa	aaatgtgttg	ggaaactcag	2040
atccttttct	tcctatttcc	cactccaccc	atcagagtc			2079

<210> 7375
 <211> 3600
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (83)...(2087)
 <223> similar to gi3043744 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

CG4333.0120

<400> 7375						
cgctcctttt	ctcccccttct	agagtgttac	ggtgactctt	gggtccgaag	gggacggacg	60
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aattaagatc	atcagagaag	catataagaa	ggccttttta	tttgtaaca	aaggtctgaa	180
tacagatgaa	ttaggtcaga	aggaagaagc	aaagaactac	tataagcaag	gaataggaca	240
cctgctcaga	gggatcagca	tttcatcaaa	agagtctgaa	cacacaggtc	ctgggtggga	300
atctgctaga	cagatgcaac	agaaaatgaa	agaaactcta	cagaatgtac	gcaccaggct	360
ggaaattcta	gagaagggtc	ttgccacttc	tctgcagaat	gatcttcagg	aggtgcccaa	420
gttatatcca	gaatttccac	ctaaagacat	gtgtgaaaaa	ttaccagagc	ctcagtcttt	480
tagttcagct	cctcagcatg	ctgaagtaaa	tggaaacacc	tcaactccaa	gtgcaggggc	540
agttgctgca	cctgcttctc	tgtctttacc	atcacaaagt	tgtccagcag	aagctcctcc	600
tgcttatact	cctcaagctg	ctgaaggcca	ctacactgta	tcctatggaa	cagattcttg	660
ggagttttca	tcagttggag	aggagtttta	taggaatcat	tctcagccac	cgctcttga	720
gaccttaggg	ctggatgcag	atgaattgat	tttgatacca	aatggagtac	agattttttt	780
tgtaaatcct	gcaggggagg	ttagtgcacc	ttcgtatcct	gggtaccctc	gaattgtgag	840
gtttttggat	aattctctcg	atacggttct	aaaccgtcct	cccgggtttc	ttcaggtttg	900
tgactggtta	tatcctctag	ttcctgatag	atctccggtt	ctgaaatgta	ctgcgggagc	960
ctacatgttt	cctgatacaa	tgctacaagc	agcaggatgc	tttgtggggg	tcgtcctgtc	1020
ctctgagtta	ccagaggatg	atagagagct	ctttgaggat	ctgttaaggc	aaatgtctga	1080
ccttcggctc	caggccaact	ggaacagagc	agaagaagaa	aatgaattcc	aaatccctgg	1140
aagaactaga	cctcctctcg	accaactaaa	agaagcctct	ggcactgatg	tgaaacagtt	1200
ggaccaaggc	aataaggatg	tacgtcataa	aggaaaacgt	ggaaaaaggg	ctaaagatac	1260
ttcaagtgaa	gaagttaacc	tgagtcacat	tgtaccatgt	gagccagttc	cagaagaaaa	1320
gccaaaagaa	ttacctgaat	ggagtgaaaa	agtggctcac	aacattttgt	caggtgcttc	1380
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tgtcaccaag	ggactttata	tagcgaagca	agctacagga	ggagcagcaa	aagtcagtca	1560
gttcctgggt	gatggagttt	gcaactgtagc	aaattgcgtt	ggaaaagaac	tagctccaca	1620
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acaaaactgtc	agatacaaat	acggatataa	tgcaaggagaa	gctaccacc	atgcggtgga	1860
ttctgcgggtc	aatgttggcg	taactgccta	caatattaac	aacattggta	tcaaagcaat	1920
ggtgaagaaa	actgcaacac	aaacaggaca	cactctcctt	gaggactatc	agatagttga	1980

taattctcag	agggaaaatc	aagaaggagc	agcaaatgtc	aacgtgagag	gggagaagga	2040
tgagcagacg	aaggaagtaa	aggaggcaaa	gaagaaagat	aaatgatgaa	gtgctgggaa	2100
tcacttatac	caaagcctta	tgaaatggat	gaaattttgt	taaataggca	aatgtggaat	2160
tcctcacaga	ttaaccagta	ttttttaaat	gtattcattc	ctacaaatta	actttcataa	2220
attttatggc	atgtcttcta	tttaaaagga	aaagaataag	tattcttgca	tctggcctta	2280
gaaatgtgaa	gttatattct	caagtttatt	tttttccaag	tgtagctaaa	atatttttgc	2340
aggtaaaata	aagctgatag	tacatgtggt	gttcaaacct	tgttaaacct	aatattgaac	2400
tatttttata	tctgctgtct	ttcagaaggc	aaataggaaa	ctatatattt	gcttaaaaaat	2460
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caaaaactaa	aactaagaat	tctcaaaaaa	acttgttcaa	aacagggaaa	gactgatgaa	2640
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cctaggaaat	ttgggaacat	gattgtattg	tattaaaatt	cgaagtgatt	attatcagct	2820
taattggatt	aaaaaagtac	ttcaagaaat	tattttatca	tatctgcttc	tgtttttcca	2880
aaaggttaaa	acttgtaaaa	aaaatatata	taaacaattg	agtttactaa	tggtaaacat	2940
ttttattctg	ggattcggtc	attggaattt	atattaaaag	acaagtattt	aaaaaggaaa	3000
ggttctattc	ataatcaggg	taaagaatat	gaaaacctta	gacgtaatcc	catggtggat	3060
aggccattat	ggtttccact	ttggccagaa	ggcagactat	tcacagccct	atttacttac	3120
ataggctaaa	aaactatgta	accctaaata	cctaattggt	tttaattttt	gtttattgaa	3180
tttaaggagg	ttgggtatta	gttttccata	ggctgtagtc	ccattcctaa	taatttctga	3240
tcttctagtg	gctacttaat	tagacattat	ttgaagctgt	ctgaagaatg	cactttatga	3300
attaaaaaac	tgaattgcct	gacctcggt	tcacatgagc	ttatattttg	ggaacacata	3360
gaactgatgg	aggcttttcc	taaggccaag	gataatgtac	tagttgttaa	aatggaaata	3420
aaagtgaagt	ggtaaatagc	ttacagacag	tctatgcttt	gtttaagaaa	tggaatggca	3480
cttcatatta	ttctcatttg	tgggagctaa	aaattacaaa	taatcaaact	taaggagata	3540
gagagtagaa	tgatggttac	cagaggctgg	gaggcattga	agggatgggg	agggagtggt	3600

<210> 7376
 <211> 965
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (245)...(886)
 <223> similar to gil008080 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7376						
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cctgcggcct	gacgccctac	gcctacactt	cccagagaac	ctagcgggtta	cgccaacgcg	180
cgcgtgcgcc	cttgcgcgtt	tctctcttcc	cactcggggt	tgacctacag	ccgcccggga	240
gaagatggct	gcccagcag	tgtecgggct	ctcccggcag	gtgcgatgct	tcagtacctc	300
tgtggtcaga	ccatttgcca	agcttgtgag	gcctcctggt	cagggtatacg	gtattgaagg	360
tcgctatgcc	acagctcttt	attctgctgc	atcaaaaacag	aataagctgg	agcaagtaga	420
aaaggagttg	ttgagagtag	cacaaatcct	gaaggaaacc	aaagtggctg	cttctgtttt	480
gaatccctat	gtgaagcggt	ccattaaagt	gaaaagccta	aatgacatca	cagcaaaaga	540
gaggttctct	cccctcacta	ccaacctgat	caatttgctt	gctgaaaatg	gtcgattaag	600

caatacccaa	ggagtcgttt	ctgccttttc	taccatgatg	agtgtccatc	gcggagaggt	660
accttgca	gtgacctctg	catctccttt	agaagaagcc	acactctctg	aattaaaaac	720
gtcctcaag	agcttcctaa	gtcaaggcca	agtattgaaa	ttggaggcta	agactgatcc	780
gtcaatcttg	ggtggaatga	ttgtgcgcat	tggcgagaaa	tatgttgaca	tgtctgtcaa	840
gaccaagatt	cagaagctgg	gcagggctat	gcgggagatt	gtctaaaagt	gttggttttc	900
tgccatcagt	gaaaattctt	aaacttgag	caacaataaa	aagcttccag	aacagaaaaa	960
aaaaa						965

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<210> 7377
<211> 1491
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1293)...(546)
<223> similar to gill118102 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7377						
aaagtaccaa	ctatacttta	tggttggtgg	aacattttatg	cctttttgat	aaatgataaa	60
aagatcttac	tcccaactac	tgcataattaa	aaaaagaagt	taatgacaag	acgattccgt	120
gggaggttga	ggcaggagg	ttgcttgagc	ccaggagttt	gatttggcaa	gacctgggtct	180
ctgatttttt	taaaaggatg	attccaaatt	aagtctaaga	atggaagtga	atgccaagca	240
cagacccttt	cacctccaca	tagagaataa	acgtgggaca	agctgacaag	gatttttagc	300
taacagcagc	cactgttgct	ttgatagacg	catacaagcc	ctttctaaca	ttagcaagtc	360
ataaaaaatcc	aaaaagttaa	aatctcagtt	gagaacttca	aacaatactt	ctgttttaca	420
agaatttaaat	aacaaagatt	aaacaatcaa	aatgaacat	gggactcaaa	aacatcctaa	480
gttgcaaaat	caatacataa	tggaatct	gacgacattt	aaaactgtaa	gattaattct	540
tttcattgag	ttcttctact	tgcatttgca	aacagagaga	atgacgcgcc	tgtttcaggg	600
attcttttagc	cttagcaagg	tcttctttta	acttggtgta	ttgctgcaca	tcaaagtgt	660
gttgctttga	tttcttggtg	aagaactgaa	gaaattgcct	actcttaaca	gctgagtaag	720
tataatcctg	tgcagtgact	ataaagtatg	caaaaaagac	catagaattt	gcaaagtga	780
tgaagtatgt	aactggctcc	atgatatccc	aggagtacac	ccaccacgtg	agccaggcca	840
gtgccccacc	ctgaatggac	agcagtgcc	atccagccca	caggagtcca	ctggttttgg	900
cttccgaatg	agcttctatt	ccagctttca	cctgttcaag	gggctgcagc	tgttccttca	960
ggtggtcaat	tttctccagt	aaatggtgct	ctctcttttt	ctgagactct	tctaaatgca	1020
agattgtaaa	tagtctgtga	accaaagatt	tcatgtgttc	catctcagca	gtgtgctcat	1080
tacttggttt	ttctctcttt	ggacactgca	catcatatgc	tattttatta	atgacaagtt	1140
taaaatcatt	cattagcaaa	atatccatca	aggtagaagc	tgaaatcatg	ttgccatctg	1200
ctgtgaagat	ggctgcagtt	ttgataccct	tatcttcatt	ttgtaggtcc	tgaaggaatg	1260
aaccaactgt	tgacaacatt	ggtttgacta	cgaattgaca	acgttctttt	ctagatggca	1320
aggtaagtgt	taccaaggga	aggccatgtc	tataaataac	tgttatttca	tcaggtggca	1380
ccacggtact	ataatggtgt	gactggtagt	atttcacatt	tccacacagc	ttcacacgca	1440
aaacctgggg	cggaggcggc	agcggccacg	ggcgcgctgg	gcgccaggtg	c	1491

<210> 7378
 <211> 1926
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (532)...(1648)
 <223> similar to gi3170184 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00438725.012100

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<400> 7378
cccacgcgtc cgcccacgcg tccgggggtcc ggtaacaaca tggcggcgctc cgtgagggggc 60
tccttttgggc aggggtagtg tttgggtgtcc ctgtcttgcg tgatattgac aaactgaagc 120
tttctctgcac cactggactt aaggaagagt gtactcgtag gcggacagct ttagtggccg 180
gccggccgct ctcattcccc ataaggagca gagtcctttg tactgaccaa gatgagcaac 240
atctacatcc aggagcctcc cacgaatggg aagggttttat tgaaaactac agctggagat 300
attgacatag agttgtggtc caaagaagct cctaaagctt gcagaaatct tatccaactt 360
tgtttggaag cttattatga caataccatt tttcatagag ttgtgcctgg tttcatagtc 420
caagggcgag atcctactgg cacagggagt ggtggagagt ctatctatgg agcgccattc 480
aaagatgaat ttcattcacg gttgcgtttt aatcggagag gactgggttc catggcaaatt 540
gctggttctc atgataatgg cagccagttt ttcttcacac tgggtcgagc agatgaaactt 600
aacaataagc ataccatctt tggaaagggt acaggggata cagtataata catgttgcca 660
ctgtcagaag tagacattga tgatgacgaa agaccacata atccacacaa aataaaaagc 720
tgtgaggttt tgtttaatcc ttttgatgac atcattccaa gggaaattaa aaggctgaaa 780
aaagagaaac cagaggagga agtaaagaaa ttgaaaccca aaggcacaaa aaattttagt 840
ttactttcat ttggagagga agctgaggaa gaagaggagg aagtaaattcg agttagtcag 900
agcatgaagg gcaaaaagcaa aagtagtcac gacttgctta aggatgatcc acatctcagt 960
tctgttcag ttgtagaaaag tgaaaaaggt gatgcaccag atttagttga tgatggagaa 1020
gatgaaaagt cagagcatga tgaatatatt gatggtgatg aaaagaacct gatgagagaa 1080
agaattgccca aaaaattaaa aaaggacaca agtgcgatg ttaaatcagc tggagaagga 1140
gaagtggaga agaaatcagt cagccgcagt gaagagctca gaaaagaagc aagacaatta 1200
aaacgggaac tcttagcagc aaaacaaaaa aaagtagaaa atgcagcaaa acaagcagaa 1260
aaaagaagtg aagaggaaga agcccctcca gatggtgctg ttgccgaata cagaagagaa 1320
aagcaaaagt atgaagctct gaggaagcaa cagtcaaaga agggaacttc ccgggaagat 1380
cagacccttg cactgctgaa ccagtttaaa tctaaactca ctcaagcaat tgctgaaacg 1440
cctgaaaatg acattcctga aacagaagta gaagatgatg aaggatggat gtcacatgta 1500
cttcagtttg aggataaaaag cagaaaagtg aaagatgcaa gcatgcaaga ctacagataca 1560
tttgaaaatc atgatcctcg gaatccagtg aataaaaagaa ggaggggaaga aagcaaaaag 1620
ctgatgagag agaaaaaaga aagaagataa aatgagaata atgataacca gaacttgctg 1680
gaaatgtgcc tacaatggcc ttgtaacagc cattgttccc aacagcatca cttaggggtg 1740
tgaaaagaag tatttttgaa cctgttgtct ggttttgaaa aacaattatc ttgttttgca 1800
aattgtggaa tgatgtaagc aaatgctttt ggttactggt acatgtgttt tttcctagct 1860
gaccttttat attgctaaat ctgaaataaa ataactttcc ttccacatta catgttaaaa 1920
aaaaaa 1926

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<210> 7379
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (60)...(703)
 <223> similar to gi919 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7379
 cgagggagca ggcgcggccg cggcgccata ttgcggccct cagcggccgc gaccgagtca 60
 tggctgagac ctacgacttc ctcttcaaat tcctggtgat tggcagtgca ggaactggca 120
 aatcatgtct ccttcatcag ttcatgtaga ataagttcaa acaggactcc aatcacacaa 180
 tcggcgtgga gtttgatcc cgggtggtca acgtgggtgg gaagactgtg aagctacaga 240
 tttgggacac ggctggccag gagcggtttc ggtcagtgac gcggagttat taccgagggg 300
 cggctggagc cctgctggtg tacgacatca ccagccggga gacatacaac tcaactggctg 360
 cctggctgac ggatgcccgc accctggcca gcccacaacat cgtggtcatc ctctgtggca 420
 acaagaagga cctggaccct gagcgggagg tcactttcct ggaggcctcc cgctttgccc 480
 aggagaatga gctgatgttc ctggagacca gcgctctcac aggcgagaac gtggaggagg 540
 cgttcctcaa gtgtgcccgc actatcctca acaagattga ctacggcgag ctgagcccg 600
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 ggagtgccca ggccgtggcc cctcagccgt gtggtgctg agctctgtgg agccagctca 720
 cctgttctcc aggaccagcc ctgctggggc ccaggcccag gctctgagag gccgtgtcct 780
 aacctgccct ggccccggag aagctacgtt gccacctgtc ccccttcctt ggctgtgtgg 840
 ggctggctt tggggcaaga ctgagccacg ggggaagggg gaatcccgtta cctgctgctg 900
 ctctctctgt cttggctaac gtctgtcccc ctgaacccct aaccataccc caagagctcc 960
 caaagcctga gaccagggtc atttgtcccc aactcccat ctggccctgc tgttgctagt 1020
 acctgttatt tattacctgg aggcctgtcc agcaccatct ctaccccat aaagcattgt 1080
 ttacaaaaaa 1090

<210> 7380
 <211> 1969
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1970)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1570)...(978)
 <223> similar to gi36032 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7380
 catttttttaaa aaacatcaga agtagatgag gttacagcgt acaagtgtgg tcagaatgct 60
 actgtcgtat gcaaatgacg agtgcattaa gtgtcaaaca atgaaacaat tgtgcaaaga 120

00483725 "01.21.00

ataaaaaaac	aaatttttagc	ctttaaataa	atcaaataac	atcagtttct	tggactgaac	180
aatttttca	tctaggacag	gcacaaagt	cgcttatggc	aaaaacaacc	ccacagcgca	240
tcctccctcc	tccttccgg	agctgggtga	gggttcgcag	cggttggcc	cgagggagag	300
gctgtgctga	agctgtgtcc	tcctcaagtc	agttgcaaat	gtcttcccca	gggttggaa	360
agatgggtcaa	gtcctgttca	tgcttggg	ggagtctggc	ccagcctggg	ccagagcgct	420
caccatcac	caccttaaa	taacaccatc	ttagctccga	aaataaaatt	atatctatat	480
ttatataaca	tcctcccatc	ctccccagca	gccctcccct	cccgagtag	ccgggttcta	540
tggtacagac	aagggatata	aagctcccgc	tggtgaagg	agaacatctg	atggggcgcg	600
gccacactcc	cgcgccaatc	tcgcccccg	ggatcagagg	cggttgggg	gtgaaaatgg	660
ggcgagggga	gtcgaacaga	cacacagcca	cacactctga	ggcccggtc	ttcagaaaag	720
catgtctagg	ggaccttg	cactcagtg	ggagcccagg	cctgtgcaac	acagctggac	780
gcacacagac	actgggatg	ggcgcccg	tgccacgcc	aagtcctgg	gcaagccaga	840
ggcgtagca	gacagatgc	aggcaggcc	gtgggttct	tggtggacac	gggttcccc	900
ttctccggg	tcgcgggga	ctggtccagg	agggggagcc	gtgccggcag	gggcaggcg	960
gacggggcg	gccctcatag	caccttgca	cagttgatgc	agccgttctg	ggagccgtag	1020
cgcttctgca	gcgcggcgc	cgtggccg	tcgaagacct	cgcgcacgcc	ttccttggtc	1080
ttggcagagc	actcgaggta	gtcgtaggct	tggtatgcga	cgccatggc	gcggccgtca	1140
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cgcaggtctt	ttttgttgg	caccaggatg	atgggcacat	tggtacagaa	gtgcttcacc	1260
tcggggaccc	acttctcgg	gatgttctcc	agcaggtccg	ggctgtccac	cgagaagcac	1320
atgagaatga	cgtcgggtg	cggttaggag	agcgcccgca	ggcggtcgta	gtcctcctgg	1380
cccgcggtgt	cccacagcgc	cagctccacc	tgcttgccgt	ccacctcaat	gtcggccaca	1440
tagttctcga	agacgggtgg	cacgtacacc	tcggggaact	cgctcttact	gaacacgatc	1500
agcaggcacg	tcttgccaca	cgcgccgctg	cccaccacca	ccagcttctt	gcggatggcc	1560
gccatgagcg	ggccggggcc	gggcagcagg	agggggcccg	cgaacgcctc	gctgccctcc	1620
cgctcgcgc	tcactgctca	ccctggggct	gcgcgcagg	ggcgagaagg	ggtcgctagc	1680
tgaccccg	ccccgcgctg	gccnccgctt	tctctccgct	ggcgctttcg	gctggcccg	1740
gcggggggcg	gtggggggct	ccggggggca	taaagggcgc	accagtgtat	cttagccgcg	1800
ctgtccccgg	ggcggtggct	gctctgctca	ccccaggccg	gggatcgcc	ggctttgtgg	1860
cgtaacgcgg	ggctcgggca	gcagactcgg	gcgtgggact	cgccctagct	ctctcccg	1920
tctctccgg	cctcgtctgag	catacaagac	aacagctcca	accacactg		1969

<210> 7381

<211> 2041

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(1059)

<223> similar to gi6006498 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7381

atcctgggtt	ggaggaggtg	gcggccgctg	aggctgcggc	gtgaagacgg	cggtcatggt	60
ggggcgggag	aaagagctct	ctatacactt	tggtcccggg	agctgtcggc	tggtggagga	120
ggaagttaac	atccctaata	ggagggttct	ggttactggt	gccactgggc	ttcttggcag	180
agctgtacac	aaagaatttc	agcagaataa	ttggcatgca	gttggtctgt	gtttcagaag	240
agcaagacca	aaatttgaac	aggttaatct	gttggttctt	aatgcagttc	atcacatcat	300
tcatgatttt	cagccccatg	ttatagtaca	ttgtgcagca	gagagaagac	cagatgttgt	360

```

agaaaatcag ccagatgctg cctctcaact taatgtggat gcttctggga atttagcaaa 420
ggaagcagct gctgttggag ctttctcat ctacattagc tcagattatg tatttgatgg 480
aacaaatcca ccttacagag aggaagacat accagctccc cttaaattgt atggcaaaac 540
aaaattagat ggagaaaagg ctgtcctgga gaacaatcta ggagctgctg ttttgaggat 600
tcctattctg tatggggaag ttgaaaagct cgaagaaagt gctgtgactg ttatgtttga 660
taaagtgcag ttcagcaaca agtcagcaaa catggatcac tggcagcaga ggttccccac 720
acatgtcaaa gatgtggcca ctgtgtgccg gcagctagca gagaagagaa tgctggatcc 780
atcaattaag ggaacctttc actggtctgg caatgaacag atgactaagt atgaaatggc 840
atgtgcaatt gcagatgcct tcaacctccc cagcagtcac ttaagaccta ttactgacag 900
ccctgtccta ggagcacaac gtccgagaaa tgctcagctt gactgctcca aattggagac 960
cttgggcatt ggccaacgaa caccatttctg aattggaatc aaagaatcac tttggccttt 1020
cctcattgac aagagatgga gacaaacggt ctttcattag tttatttgtg ttgggttctt 1080
tttttttttt aaatgaaaag tatagtatgg ggcacttttt aaagaacaaa ggaaatagtt 1140
ttgtatgagt actttaattg tgactcttag gatctttcag gtaaatgatg ctcttgcaact 1200
agtgaaattg tctaaagaaa ctaaaaggga gtcatgccct gtttgcacta atttttcttt 1260
ttatcatttt gtttgcctg gctaaacttg gagtttgagt atagtaaatt atgatcctta 1320
aatattttgag agtcaggatg aagcagatct gctgtagact tttcagatga aattgttcat 1380
tctcgtaacc tccatatttt caggattttt gaagctgttg accttttcat gttgattatt 1440
ttaaattgtg tgaaatagta taaaaatcat tgggtgttcat tatttgcttt gcctgagctc 1500
agatcaaaat gtttgaagaa aggaacttta tttttgcaag ttacgtacag tttttatgct 1560
tgagatattt caacatgtta tgtatatttg aacttctaca gcttgatgcc tcttgctttt 1620
atagcagttt atggggagca cttgaaagag cgtgtgtaca tgtatttttt ttctaggcaa 1680
acattgaatg caaacgtgta tttttttaat ataaatata aactgtcctt ttcatcccat 1740
gttgccgcta agtgatatat catatgtgtg gttatactca taataatggg ctttgaagt 1800
cttttcacca ttcatgaata ataataaata tgtactgctg gcatgtaatg cttagttttc 1860
gtgtatttac ttcttttttt aaatgtaagg accaaaacttc taaactaatt gttcttttgt 1920
tgctttaatt tttaaaaatt acattcttct gatgtaacat gtcatacata caaaagaata 1980
tagtttaata tgtattgaaa taaaacacaa taaaattaac acttgatcca gaaaaaaaaa 2040
a 2041

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<210> 7382
 <211> 660
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (42)...(435)
 <223> similar to gi495273 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7382
cggacgcgtg ggcggacgag tgggctttcc gcgcccgcac aatgggtgcgc atgaatgtcc 60
tggcagatgc totcaagagt atcaacaatg ccgaaaagag aggcaaacgc caggtgctta 120
ttaggccgtg ctccaaagtc atcgtccggt ttctcactgt gatgatgaag catgggtaca 180
ttggcgaatt tgaaatcatt gatgaccaca gagctgggaa aattgtttgt aacctcacag 240
gcaggctaaa caagtgtggg gtgatcagcc ccagatttga cgtgcaactc aaagacctgg 300
aaaaatggca gaataatctg cttccatccc gccagtttgg tttcattgta ctgacaacct 360
cagctggcat catggacat gaagaagcaa gacgaaaaca cacaggaggg aaaatcctgg 420
gattcttttt ctagggatgt aatacatata tttacaaata aaatgcctca tggactctgg 480

```

tgcttccact	tggtcgtttt	gagcctttac	agcagtgtag	ccacagcttc	tgcggcagca	540
tgcagttgct	tcgtttatcg	aagaatgcga	ttccctgaag	tgactaatac	agccaagggg	600
aaaagttcct	atgaaaccag	tatgcctaag	aaacagtcac	ccctgctgtc	tgccaaaacc	660

<210> 7383
 <211> 1146
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (975)...(543)
 <223> similar to gi3874176 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7383						60
tggttggtgt	gttttttaaa	tcacccctcc	attactcaac	attctcgttc	ccagatgaat	120
tttaaaactgg	gagttgcacc	aactgtgaga	cagcctcaac	cccaatgtta	aatactacca	180
gttttatata	tatatatata	tatatatata	tataaagact	gaaaacagtt	ctctctggaa	240
aacgatccac	caaccttttt	atgggaagaa	ggtcttctct	aacactttta	cttaagggaa	300
gaagtgatgg	agaggaagaa	ggaaagtaca	ctggccaata	ctctggaaac	tgactgactt	360
gggttatctg	tggtccaaag	aggatcccg	aagacagtga	ctctgtctca	atgattattc	420
ccatcccaat	taaaagtcac	aatgacagca	tttacattca	cacaggggtc	ctttccaaga	480
agtttggtg	tcacctacat	gtcttcaatt	ctcaaggcaa	cagtgggggc	aacaaggagg	540
ttgacagcca	ggtcctgtga	gagctgtttg	tcaaagccca	ctctcagtga	gtcagtcacct	600
ggaagttggg	ttcagtgcac	ggaggcaggg	ccactgactg	gcttagcaac	gtgtccatca	660
tgctgatttt	agcatcttgc	ttctcaatgt	cctcatcagg	agtccaggac	aagtcattgt	720
gtagtttgta	ggcaccaagg	aagtcattgt	gacaacttgt	ccccatttcc	tttgagagaa	780
tgatggaaaa	atactgctga	ccactctccc	gtttatagag	atagtaaatg	ttgccagggt	840
ttttcactat	attacaagct	acatggtgca	ggttggtcgc	tctgtgagca	tcttccagta	900
ccttcctggc	ttgttcttgc	aaatggttga	tttgctcagc	tatgactgtc	agcttggttg	960
tggtcatttg	tcggatgaat	tcactcagct	tctgcacctg	ctctgcgagc	gccacgaggt	1020
ctaaggggtc	cccggcccgg	tgggtgtggt	aggggctcac	cagggccagg	ccgcccgggg	1080
tcgggggtg	ctccaccagg	gctcctccct	ggcctgcagc	tggcggcgct	ccttgccctt	1140
caaggacccc	ctcggtccgc	cccggcgcg	cggcgctcct	catgacagcg	ccttatccct	1146
cggtgcc						

<210> 7384
 <211> 1571
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1480)...(365)
 <223> similar to gil59767 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7384
tttttttttt ttcaaactgc tttactatac tttattgata taaatacagc aaatctcaat 60
aagcaccagc taccatttta ccactacaca agagaaacaa agtcaaaaga attatatatt 120
aatgcaaaga gtaaacacag aatgctttca cttccactat agtcctctat aacaaaacat 180
cctacatact ttgtacaatt tgcttataat tgggttaaata tttgatatga agcaagggtg 240
atttttaatc aaacttctat ttctcagtggt aaaatgctct cttcatcaga ggtggttgag 300
ttttcccgac atcaaacatc atttccaaag gtgggttatt gagagaacac caatcaggta 360
tacggcccgt ctgattataa tattcctttg aaacagaacg gctcccaagt atatcttgta 420
atgctccaaa aatagcccct cccaaccagg ccacacaatt agcttttgca ggtggagtat 480
gaattcgaaa tgtcttagtg ccaagtgcct ttttatattt tgggttttct accaaatacc 540
ttatttctgc aagcaatctg tggagaaatc ctggcaacat agaagtgcc cctatgacta 600
ccaaattctc tgctagttgc ttctggtgt ctatcggaca ctgtataagg gaatccaata 660
ttaaagtggc aactgattgc tcttcattat cttgttcaaa aagaatttcc acaactgaat 720
ctctgattga tccaaggata tgtaaaatct tctctccatc taatggatag tcaacatttg 780
ggggtgggga gggacgctca ttattcccat caatattaaa ttttgctgct tggattttta 840
gtcctcgctt cagatcactt acaaagcaag tacgcgcttt aatgtcctct aagacacctt 900
ccggaactga acccatcact gaggggaaggc tctgttcttt agcaacactt gtgtcaacag 960
tacattgttc caatagttga gtttccaaact ctttgtgaag agcttttcct cctaggggta 1020
gtgctcccca acaatttaga actgggattc cttcatatat gggtaacacc aggctttccc 1080
tatatccaca atctaggacc atggcagaat taattccaag cgtcagaaga gccattagat 1140
gacttggagc aagcaagaca gatggaacct caaaatattt gaaaagaaca cgagttagtg 1200
tctctctgaa gtgagaagga cataataccg attcgataat cacaactcgg cggctctctg 1260
gattcaccaa tagatgectg aaatatagta tgtggatgaa ttcctttagg taggaatata 1320
attcttctgt attgatatta tactgaacaa ctctgacagg cttaggcatc ccagctcttt 1380
ttatcacact aggaattata catcttgac cagtttctcc agcaaattcca cacttggtta 1440
aggcctctcc caggctcgatc acgaccgccc tcttctcccc gccgctcccc aggccctcgt 1500
agagcggcat ggtagtaagg cagactgaga gaagagggtc gcagtctccg cggccaacaa 1560
gtctcacgaa a 1571

<210> 7385
<211> 1947
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(821)
<223> similar to gi5070698 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7385
cccacgcgtc cgcgctgaga tgggggaggc ggcggcgga gcgatcgca ctctctttgt 60
gggcaacctt gaaacgaaag tgaccgagga gctcctttc gagcttttcc accaggctgg 120
gccagtaata aaggtgaaa ttccaaaaga taaggatggt aaaccaaacg agtttgcgtt 180
tgtgaatttc aaacatgaag tgtctgttcc ttatgcaatg aatctactta atggaatcaa 240

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actttatgga aggcctatca aaattcaatt tagatcagga agtagtcatg cccacaaga 300
tgtcaggttg tcatatcccc aacatcatgt tggaaattca agccctacct ccacatctcc 360
tagcaggtac gaaaggacta tggataacat gacttcatca gcacagataa ttcagagatc 420
tttctcttct ccagaaaatt ttcagagaca agcagtgatg aacagtgctt tgagacaaat 480
gtcatatggt ggaaaatttg gttcttcacc tctggatcaa tcaggatttt caccatcagt 540
tcaatcacac agtcatagtt tcaatcagtc ttcaagctcc cagtggcgcc aaggtaacacc 600
atcatcacag cgtaaagtca gaatgaattc ttatccctac ctagcagata gacattatag 660
ccgggaacag cgttacactg atcatgggtc tgaccatcat tacagaggaa agagagatga 720
tttcttctat gaagacagga atcatgatga ctggagccat gactatgata acagaagaga 780
cagtagtaga gatggaaaat ggcgctcatc tcgacactaa cacatgttaa aaggacattg 840
tttttatagg gtcatttttag gccctttgac taagttgata tggaaatatt ttgttgaaaa 900
actgtacaga gcagctttac aagttgtcac atttctttat aaattttttt aaagctacag 960
tttaatacaa aatgaattgc ggttttatta cattaataac ctttcacctc agggttttat 1020
gaagaggaaa gggttttatg caaaagaaaag tgctacaatt cctaatacatt ttagacactt 1080
taggaggggg tgaagttgta tgataaagca gatattttta ttatttgta tctttttgta 1140
ttgcaagaaa tttcttgcta gtgaatcaag aaaacatcca ggttgacagt ctaaaatggc 1200
tactggtatt ttagttaatt caaaaatgaa acttttcagt gattcacttt actaacattc 1260
tatttgagaa ggcttatttg taaagtttgg ggataaaggc attgcttaac ttcttatata 1320
atthaggtat aaattctgtg acatgctctt gagctttacc ctagttgaac atacatgtgt 1380
agatttacac atactgtttc attctaaaat ttagaaattg ttcattaaat cccatttgag 1440
gtataagtca ctcaggaagt taaaatatct ctacacgtat atttttacat taaaaatata 1500
gtgttagcat aaatcccctt ttcaggaaga acaaaaatgt cagtgcatag ttagataaaa 1560
tggtaaaatg ttttactgaa agcatacttt tttggaaaat agattcatga agcctttaag 1620
tgctgcttct gtcagtcaaa cgttaaaaaac ttttaacattt tcaaagtgcc cagactgtgt 1680
acaaagacac atgtaatgga gattgtacag gttgtttttt tgtttgaacc tttgaaagag 1740
tttaatctta acgtttttcta attttaaaat tttaaaatct tgtttaacaa aagcttgtat 1800
taagatactg ttttcatttc attacagaat tgtttataaa agttcatttg ttgaaaaata 1860
aggatccttt ttaataccac agcatttgta ctgttccttt ttaatatact gaaaaaataa 1920
aaggaggggg gtgtgtttaa aaaaaaaa 1947

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<210> 7386
<211> 2660
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (298)...(1458)
<223> similar to gi5533003 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7386
agcgctcctc cttccggtga aagtcgtcgg gttcccagcc gggagtctgc ggagttctca 60
tactctgtta cccagcttcc tttgtatgag ggctgttgcg cacttccggt ggaagcgctg 120
aagcgagtgg gtggagttta cggagccggt gggcggtagg cggtgctacg ggtagctggg 180
tgctgtccaa aggcgacagg gcgtcgtagg gggagcgagt cgtgaccggt tgggccacac 240
tcaacgtggg acgaagcttc gcctactgtt tgactacgtg cgtgcagcct cccctcgatg 300
tcggccctcg aaaagagcat gcacctcgcc cgccttcctt ctgcccacc tctaccgggc 360
agcgggggca gtcagagcgg agccaagatg cgaatgggcc ctggaagaaa gcgggacttt 420
tcccctgttc cttggagtca gtattttgag tccatggaag atgtagaagt agagaatgaa 480

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09488725 " 04.12.00

```
actggcaagg atactttttcg agtctacaag agtgggttcag aggggtccagt cctgctcctt 540
ctgcatggag gaggtcattc tgccctttct tgggctgtgt tcacggcagc gattattagt 600
agagttcagt gtaggattgt agctttggat ctgccaagtc atgggtgaaac aaagggtcaag 660
aatcctgaag atctgtctgc agaaacaatg gcaaaagacg ttggcaatgt ggttgaagcc 720
atgtatgggg accttcctcc tccaattatg ctgattggac atagcatggg tgggtgctatt 780
gcagtccaca cagcatcatc caacctggta ccaagcctct tgggtctgtg catgattgat 840
gttgtagaag gtacagctat ggatgcactt aatagcatgc agaatttctt acgggggtcgt 900
cctaaaacct tcaagtctct ggagaatgct attgaatgga gtgtgaagag tggccagatt 960
cgaaatctgg agtctgcccg tgtctcaatg gttggccaag tcaaacagtg tgaaggaatt 1020
acaagtcag aaggctcaaa atctatagt gaaggaatca tagaggaaga agaagaagat 1080
gaggaaggaa gtgagtctat aagcaagagg aaaaagggaag atgacatgga gaccaagaaa 1140
gaccatccat acacctggag aattgaactg gcaaaaacag aaaaatactg ggacggctgg 1200
ttccgaggct tatccaatct ctttcttagt tgtcccatc ctaaattgct gctcttggct 1260
ggtgttgata gattggataa agatctgacc attggccaga tgcaaggga gttccagatg 1320
caggtcctac cccagtgtgg ccatgcagtc catgaggatg cccctgacaa ggtagctgaa 1380
gctgttgcca ctttctgat ccggcacagg tttgcagaac ccatcggtgg attccagtgt 1440
gtgtttcctg gctgttagtg acctgctgtc caccctcct caacatcgag ctctgttgta 1500
aatacgtcgc accagaggcc actgtgatgc cactgtctcc tctccatccc gccagccat 1560
gtgacactgg ctcccggtag acgggcaccc cgagatgtac caaccttttc atgtattctg 1620
ccaaaagcat tgttttccag ggcccttgac caacatcggc tccccagtc cagggtccc 1680
ctgctccttt cccttcctg tactgggta gctcctgcct gctctccctg cgttgcctag 1740
ggtaaagcct ccagatttgc catactgagc ccctcttct agcatcaggc gatacatctg 1800
agttcaaatg tcttcccagg ctccaggacc tccattcctt gagattgtct tggcatggcc 1860
cagccctgcc tcatgggatg gacaatgcat ggggtggtct ttatttttcc ctttcaaata 1920
aaacactagt caggtaccgt tttatcccag tcgtactctt ccaggtttgg aagaccaga 1980
gaggccaaga tcccatcctt agccatagcg agcgggtgtg gtggatagca tcacaagaaa 2040
cgagcctgaa aatcagggtc agccgggtcca agcacatggc ctcccatctg ggagagccca 2100
ctgtcccact cccacatgct tgggcacctg ccctgggctg aggccaggct gctccagggg 2160
cctcctgcgc cctcacctgc cacagagcaa ccagggttaa atacagccca tgcacaaagc 2220
cacaggccaa agcctatgga attgttttta atcatcaaat ttaaccattt tcataactgg 2280
ttcctggagg tgtgcagtgc ccccttgctt cttcaaacct acagcttctc tttgccattt 2340
gtggatttca catcactcca cacagaaaca ttacagcctg gcatccccag tctttgcctt 2400
cttccagctg cctcgacaca gcaactgtggc ctgtccctat tgcccaggca cgccatttcc 2460
aagggcagga aggggcagtg tcctgaagcc catcttttct gtgactgtct taggtgatgt 2520
gtagccccct ccacctttcc actcaacaac ctcccacccc tgtcctgctg catggtccgg 2580
agtctgggac ctactttgtt ttttgttatt tatgacctg tttaaagaaa ataaatatct 2640
cccaaccttt aaaaaaaaaa 2660
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<210> 7387

<211> 1074

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (442)...(823)

<223> similar to gi438652 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7387

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ggcctgaagt acccaagtec ccgagggcgc gccttccccg ggaatttaat tcaggacaat      60
aatgttttat tgagcgcccta ttgtgaatca gacactgagc agtaagcgtc ggagaaacag      120
gtgaatgata ccggggaaaaa gtcattccct gtgtgtagcg tctagggcag cttttgccct      180
ggttccagca gatgggttgt ctcttcatag tctatgcatt tctgaagacc ccacggtgaa      240
gggctgcaag gatgaagctg tcccagagta tctccagagt gcagatccct tggctgccag      300
gtcatgttct ctcttccctct caactgctct cccgaccata taaggagagg cagctgctgg      360
gggctcccc aggatctaaa gatagcttcc gctgcctgga actctaaatg ccaccctgga      420
gcgggagccg caatggcacg gcagcacgcc cggaccttgt ggtacgacag gccaggtat      480
gtgttcatgg agttttgtgt tgaggacagc accgatgtcc acgtgcttat tgaggatcac      540
cgcattgtgt tcagctgcaa gaatgccgat ggagtggagt tgtacaatga gattgagttc      600
tatgccaaa tgaaactcaa ggactccag gataagcgt cttcccgctc tattacttgt      660
tttgtgagaa aatggaagga aaagggtggc tggccgcggc ttaccaagga ggatatcaag      720
ccagtgtggc tgtctgtgga ctttgataac tggagagact gggaagggga tgaagagatg      780
gagctggctc atgtggaaca ttatgcagag gtgagagaca acacctactg tgttctgccc      840
acttgatcat tctttgtgtt tctctgcaca catgtctctg gaggattgtc actggggcca      900
agcagagata tgcaagctct ctaggcaggt tactcattga tgctgatatt ctttacgtat      960
tttgtgcaat gtttatttaa tagggatgag aggaaagaat attattgaaa ttatatacat      1020
tgattcactt attcagtgtg gagcctgtat tctgaagaag tttgacaaaa cgtt          1074

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<210> 7388
<211> 1111
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (882)...(245)
<223> similar to gi4929705 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7388
tttttttttt ttctgcagca gattttttatt agatggaaga taacaagcat tacctcatag      60
gtaagtggta agaaaatggca agtacagcca agccacagag gagtgaggac attactggct      120
atgggaatgg gtacttatga aatctaaggg ttgggtctcc tgatgaactc taactaccca      180
gtaagctctt ctctttggca ctcaatatga ccaactgctg catgaaaggg tctacagtag      240
ctacttcaac ttggccaaca gttcttccag ttctggctga gctttgaatc gtcccttgaa      300
gtcttcttca gtgtgctcct tcaactgacag tctgactcct tcaggaagac tgctttggat      360
tatttccaaag aaaatttctg caaacgtagc actcaaaccg ctgatctgaa ccaactcgctc      420
atgggtggta agcactgagt ccaggagcat tttgctgcct tggctcctgca actgcaacac      480
ttctatgggt ttggttggca ttgcataact ttctctgact ttaatggaga gagagttagca      540
gaggtttaga acatactggg cataactctc tgccagggtc atatcatatg cagtcagatg      600
aataatttaa accccatatt cataatctgt ccccaaatta atggctctca cttccacttt      660
tcccttcttc ttcttgggct cttctgcttt aattaagtgc ttgtactttc caatgccgtg      720
ggtgggcttt gtctttagag gccgactgat acttagtaga attccaccta cagaatagat      780
gggcttctct cctgaagttc taaaccttaa gagagaaaag gcttgcttaa aaatggtatt      840
gttctctcagg cacagcacct tttccaaggt tccgctcatc ctttgctgct gcgcggcctc      900
tagctgtgca aaccgaagac cggaccctgc agccgcgttc ccagggcgtc tgaaaacact      960
gaaggaacgg ccttgaccag gtgcagcagc aatatccac cgagactcac tcaacttcca      1020
catcatttta gttccggaag cttctgaaat tcagagtcta gaaattctcc tgctttccac      1080
cctcactcag gttgcacatt cactgctgtt t

```


<400> 7390

```

tttttttttt ttatacaaca ttttcagcct ttattgagag tacagtcac atgccaaaat 60
tcatccatca acatacaacc ttatttccca tctaaagtta atgagaatgt attttatttt 120
aaatgggaca tagaggcaac atgccaagaa ttaaagtaca accataaagt tttagtttca 180
cactttgaat atcaacaaag cagtaattcc taaaatcatg aaaacatgat aaagtatcta 240
tacagaaaaa aatgaacatt taagtcattt cacgctttct taatatcata tagtgaaaac 300
agatgtacct ataatttcag cctacagata gcatacttca taaggtcatt attcatttaa 360
aatagtacaa atgtttacaa agaacatttc acttaaattt cacagctgct tataaaatgg 420
tacttgcaag actgacctat ataaagaaat aagagtctca tcaagagatg gttaaattata 480
aatatataat atatcacaaat gttaaaatcc tcagtgtctaa tcaataagat aatgatcttt 540
ggagaggaaa gtatttagct ttacatattt actgtgaatt tacatattaa taagaaacac 600
atttaaacct tgccctgccca cagaattatt ttgcgggggg gggggggggg gdagatgtac 660
tttttgaata tgtgtacatc aaaacaaaaa agttaacttt tactttttcc tttattggca 720
acttttgatg catttttcga ttttggttcc cagaggcat tttttacaaa tcttgaagct 780
gcacctctgt ccagcttgcc agcctttttc ttgtctgtta ttcccttgac tctgttcata 840
tatactctga ttctttccaa ttccctgttt actggatgtt ccttaggatt aactccttg 900
gttgccaaat aaacccaaaa cattgaattt aatgtgtatg cagaaaccaa atccactttt 960
gcttgttcaa gtggatccaa cttctgcaac aactcatttc tagaaacaga catcatggtc 1020
ttcagcatct catccacagc accaatggaa ttctcaaacg ctgacaaata ctcgtgaatt 1080
tctactggat agtcttcatt aatttcttca cctgccatta tggctgacca gctctgctcc 1140
tcacctcct ccgggggttct ataggtactc cttgcccttc cacatactcc ttctaaaaca 1200
ctggctcacg gccttcgact ccag 1224

```

<210> 7391

<211> 1699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1700)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (116)...(1140)

<223> similar to gi2648830 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7391

```

gtagggaaaac tgtgagggcg gcaccggaag tggcgagcag tctgcgcgcg gantggccgc 60
agcggcgatg gcggcagcgg caggtggagg ggctggcgcg gcccgctccc tctcgcgctt 120
ccgaggctgc ctggctggcg cgctgctcgg ggactgcgtg ggctccttct acgaggccca 180
cgacaccgtc gacctgacgt cagtcctgcg tcatgtccag agtctggagc cggaccccg 240
cacgcccggg agtgagcgga cagaagcctt gtactacaca gatgacacag ccatggccag 300
ggccctggtg cagtccctgc tagccaagga ggcctttgac gaggtggaca tggctcacag 360
atttgctcag gagtacaaga aagaccctga caggggctat ggtgctggag tagtcactgt 420
cttcaagaag ctctgaacc ccaaattgct cgatgtcttt gagcctgccc gggcccagtt 480
taacgggaaa ggctcctatg gcaatggagg tgccatgcgg gtggctggca tctccctggc 540

```

```

ctatagcagt gtccaggatg tgcagaagtt tgcccggctc tcggcccagc tgacacacgc 600
ctcctccctg gggttacaatg gcgccatcct gcaggccctg gctgtgcacc tggccttgca 660
gggcgagtc tccagcaagc actttctcaa gcaactcctg ggccacatgg aggatctgga 720
gggtgatgcc cagtcctgt tggatgccag ggagttgggc atggaggagc gtccatactc 780
cagccgcctg aagaagattg gagagcttct agaccaggca tcggtgacca gggaggaagt 840
ggtgtctgag ctagggaatg gcattgctgc ctttgagtcg gtaccaccg ccatctactg 900
cttcctacgc tgcattggagc cagaccctga gatcccttct gccttcaata gcctccaaag 960
gactctcatt tattccatct cacttggtgg ggacacagac accattgcca ccatggctgg 1020
ggccattgct ggtgcctact atgggatgga tcagggtgcca gagagctggc agcaaagctg 1080
tgaaggctac gaggagacag acatcctggc ccaaagcctg caccgtgtct tccagaagag 1140
ttgatgaggg ctacagctgt tggggctctg ccaggtcccc tgggaccaac tacagctcca 1200
atcagaaacc ctgcgcttcc ttgagtgtgg cttccactt ttctgcatt gtggagctga 1260
ctgagtacac cggtgaggct ggggtctctg caggggaggt cactggaaca gcgagcaagg 1320
gactggtgcc tcgctggtgc tgggtctctg gtttgctgca gagcgtagg acactcctgg 1380
ctcctcagta ggacagacag acgcaggcgg gtttattttg gaggggtact tgtggcattt 1440
tctgtattg tcttgacat gggatgtggg gaggtggaaa tgatgagcag tagcatcatt 1500
tctccctgtt gggttttagc cagtttgcca gcaagcgcct cctagcaggg tccccgagca 1560
gcaggttgtg tggatgaagg gacaggcact tgcattccagc tgatctaggt cacacctggc 1620
tcttggtctg catgtggctt attaacagct tccagtggaa gtcgcaataa acagtttttg 1680
gtaaatctca aaaaaaaaaa 1699

```

```

<210> 7392
<211> 1568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1007)...(624)
<223> similar to gi2388963 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7392
tttttttttt ttaagtcaca gaaactttta ttggaaagaa acgagctgca gcaaagtgc 60
actcagtgc cgcgccaaa tgggcgaggt ggggtacag gtgggcaccg gggccggccc 120
aagaccagag ccggtgactg ctggggcctg ctctggggc ctccggccac agaccctttg 180
ggctggagtg tgcaggccca gtagaaatac aaaaataaac tctgcggtcc agctgtccct 240
gctgtggcag ttcattttgg cagggcagtc gtcctccca ccaggccccc tgctgacaag 300
tccggccaca gcatgggcag caggagtctg aggggtgagt gggcatccac aggatggagc 360
caaagggcta ggcaggatg gccttgggca gtgccaggac tgtggcagcg ccagggtctg 420
gccagcagct ggggaggccc caggggctc tcagggtggac aggtccaggc attggttgaa 480
gctggatgaa gctggggcct cggtcctcc tcatcaaata cagatcactg ggaccctgtc 540
ctcctccatg gtgctggtct cctcggcccc actgccctg cttctgctt cttcctccac 600
ctcctcctcc ccagctcca tgtccagctc gttgcctgcc tctgagggtg ttaggtgga 660
gccactgatg gaacggcagc taaagaagac gattcgcttg agccgcttgt ttagaagaa 720
gtagttgaag gaccagagge taccatctc cccgaaggga tctgagcca agtctgggtt 780
atagctgtag atgtcacatt cagccaggca gatctcctcg tccaccgctg tccacagctg 840
tggtttcaga tccttgaagt cctccgcac agctgagaac agactgcagt tgactgcatt 900
caccacccag ctaaggctgg gctccggct gaatcatgg ctgcgggctg tgctgaagtc 960
atagtcaggc ctgaaggact cattgagcgt ggcaatcagg tagaagagg tcttgcggtc 1020

```

```
gcacttgctca ctgagggggc cctcctcctc accgccttgg cttttgctga gtctgctggg 1080
gctcagtcct gaagtctggg gtggagaaaag tgcctccagc acgtggggct ggccctcctg 1140
gcagaaactgc ttgaacatgt gtttgctgctc tcctgccatc ttacatgagt agctctcaat 1200
cctgccaatg atgtgggcat ctccgggtctc cacagtcagc tgtgagttga tggcttcaaa 1260
gctcgagttc tccaatagct tcatgtcttt gggaaggag ctccgtgctc cagaggggct 1320
agtattgcct gcctggctgg gtttagatcca ggccgcgccg agccgggtct ggctgggctg 1380
agctccgcgt cggtgccggg gcgcaggcgg ggccgggctc ggagcgccgg gctcttcaag 1440
atcgaggcgg gcgccggcct ccgctcgggc cgcactgtat ccgggggaag aagtccgcgg 1500
cgacgtccca attaacatca cgccctgcac gcgatccggg ctgccaccgc gacatagcct 1560
cgccccc
```

```
<210> 7393
<211> 1524
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(485)
<223> similar to gi975631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 7393
ccgcgaaacc tagtgctgaa gtaggcgcgg acgtgcccgg tgcctggcgc gtggtagcag 60
gcgcccggtg ccccgccggg cgaagaccat ggcttcatg gtgaagacca tgggtggcgg 120
ccagctgaag aacctcactg ggagcctggg aggcggcgag gataagggag atggggacaa 180
gtcggcagcc gaagctcagg gcatgagccg ggaggagtac gaggagtatc agaagcaact 240
cgtggaagag aagatggagc gggatgcaca gttcacacag aggaaggcag agcgggccac 300
actgcggagc cacttccgag acaaataacc gctacccaag aacgagacag atgagagcca 360
gatccagatg gcaggtggag acgtggagct gcccggggag ctggccaaga tgatcgagga 420
ggacacagag gaggaggagg agaaggcctc agtccttggg cagctggcca gccttcctgg 480
cttgaacctg ggctcactca aggacaaggc ccaggccaca ctgggggatc tcaagcaatc 540
agctgagaag tgtaacgtca tgtgaccact tccccgggt taccactgg gctgggcccc 600
catgagggct aagagtgtgt caacttcag ggaccatac tccatttggg gctttgtttc 660
ccttgcccca tcctagtctc aagacctttc ccatccatgc cccaagccta tcttctgggt 720
tcttcctctc cgctgggagt aaagtcccca tcttactct acccttcagg accctcccca 780
ccagctcagc ctgtggaggc ctcccaagat tgtaggaata ggcccatccc tctctggcca 840
tggccccaag ttcttcgaca caggagcacc cacagagaga cacacacagg acacaaaacc 900
cctggcacgt tcagagacag aagccacaga cacatcccgg cacagacaga cacacacgag 960
gccagctccc ttgctgttcc agcccctcca gacaccacca ctgagaaact ctgagagaga 1020
gcatgggcag acaccctcag cagacaggag gcctgagttc cagtctccac ctttattggt 1080
cttgaaagcc cctgctctct ctgagcctta tttcatcatc tgtaaaatgg gaatgtcctg 1140
aatgacttct aaggtctctt ctggcttgaa ctgtcagagc caagcccaca tccctccttg 1200
ggcagggcag cagctgctgc cacagcctcc agcggtgccc actgtgggct ctgggagccg 1260
gagcgatgct gtgtgagagg cagagtggca aggatgaagc tggcactgaa cagtaagcgg 1320
ctccaggcct cctctgggcc cagggccag ccaatttctg ttctgttcct gtagaacgct 1380
ctctggattc catagctgga atctcctctc ttagctcagt gaaaaataaa aatcccaaat 1440
gggtgtgccta ccttccact tcttactggc ttccaggagt cttggagttc atagccccc 1500
gagcctgcct taaaggggtg cctc 1524
```

<210> 7394
 <211> 1463
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (77)...(892)
 <223> similar to gi29636 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7394

cgccatgctt	ggcacgaggg	agcccagccg	gcgcggagcg	ggagcgggtgc	aggctgaggt	60
ctccgagcgg	ctcgccatgg	ctggcccgcg	gcagcagccc	ccttacctgc	acctggccga	120
gctgacggcg	tcccagttcc	tggaaatatg	gaagcacttt	gacgcagacg	gaaatgggta	180
tattgaaggt	aaagagctag	aaaacttttt	ccaagagctg	gagaaggcaa	ggaaaggctc	240
tggcatgatg	tcaaagagtg	acaacttttg	agaaaagatg	aaggagttca	tgcagaagta	300
tgataaaaac	tcagatggga	aatcgagat	ggcagagctg	gcgcagatcc	tgccaaccga	360
agagaacttc	cttctgtgct	tcaggcagca	cgtgggctcc	agcgccgagt	ttatggaggc	420
ttggcggaag	tacgacacag	acaggagtgg	ctacatcgaa	gccaatgagc	tcaagggatt	480
cctgtcagac	ctgctgaaga	aggcgaaccg	gccgtacgat	gagcccaagc	tccaggaata	540
cacccaaacc	atactacgga	tgtttgactt	gaacggggat	ggcaaattgg	gcctctcaga	600
gatgtcccga	ctcctgcctg	tccaggaaaa	cttctgctt	aaatttcagg	gcatgaagct	660
gacctcagag	gagtttaacg	cgatcttcac	attttacgac	aaggatagaa	gcggctacat	720
tgacgagcat	gagctggatg	cccttttgaa	ggatctgtac	gagaaaaaca	aaaagggaat	780
gaatattcaa	cagctcacca	actacagaaa	gagcgtcatg	tccttggcag	aggcagggaa	840
gctctaccgc	aaggacctgg	agattgtgct	ctgcagcgag	ccccccatgt	aaagtgggga	900
cgggggctgc	ttctccacct	cccccaaacc	ctgcttctgc	tgccctgatg	cgtctaccca	960
gactcagaga	ccgtgagcgc	cccgccecca	cccctacagc	ctgcacacac	ctgcctgcag	1020
agcaggaaat	gagagataga	ggatgggcag	ctggggggct	gtcctgagcc	ccctgcaccc	1080
accctgccc	aggcagtctt	tgctcagtg	atcacacaca	tggaagggtga	tgggggcatg	1140
ggtggagggt	ccctaattct	cttcgctgtg	atgcatgagc	tccctcgctg	tatgatttag	1200
gcttctatgt	ccaacagagt	ggactcttcc	ctctcgctcc	cctctgccgg	tcccccatgc	1260
caccacccac	cccaaacttc	caggttccat	ccaccacctt	gccaatgggtg	tagctgtcct	1320
ctcagaactc	ctgtgtgtgg	aaggcaccg	ccctttcctt	gccttcttta	ctcggcgtgc	1380
tccttttctc	tttgggtttc	ttgtttacca	aagaagagtt	tacagacaat	aaaatggaaa	1440
ggtcctgctg	tggaaactta	aaa				1463

<210> 7395
 <211> 1166
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (759)...(103)

<223> similar to gi387048 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7395
tttttttctg tataaagcca aagaccttta tttcttctctg cctccccgtg ggaagcctcc 60
gccctgaggt ccgctggccc accacccttg ggtgctcagt ttctaccaac atgagccagc 120
aagtccttgt ggtagccctg gggtagcctg tagtagactc gggcctgtgc cacagcccta 180
gctgccagca atgctgtcct cacagaggca tagtcgcccc cagctggggt gtgctccact 240
gtgacgggtg cccgggggga ggatgccagc agcctgccta tggctccagc tgtgctgtgg 300
cccagcagca tggcctgcat ctggaaggac acagggttgc agagcccctg gcacaactct 360
agcatatctg tgagcagctg ttccctgtag ccaactgccc gcacctctc aggccagcct 420
ggtgccacag tcacgtgggg gaagacctca gccacagctg taagcagctc tctgccagcc 480
acatggccgg ggaccgaaaa actcccgtgg gagatttttg cccaaccca cacaggccaa 540
tgcaagaggc caaggctgga gaggcgtgcc agcaaggcca gggatggccg gagggctgcg 600
ggctccgcta tttgcaaatg gatgcccag tgtccgggat gtgtggccag ctgctgcagg 660
caggactcca gcgtcaggat gttgccactt ggagtatgaa caatgggcac ggggttttca 720
gccacagttc cctcgaggcc agtggttcagc aggatcatgc cttctgtgtc tgggaagggc 780
ggcagaggca acagtgttta ggatttgggt tatcataagg tgtaagagt cccttgttaa 840
aggggcagtg ggagttatgg ggtcatcaag gaccttgccct ctctggaatc tgtcaaccca 900
gttttgggct ccagggtggat ggggttgcttt ataaatgtgc ctggtgcatg agaaactctt 960
gtttcagctc ttggccttta cccatgactc agcctggggg ctggtgcccg ccttgccctgc 1020
agcaatgtag ctgaggactg gtctgaaggc caggagccct gtgctcttga catcactgta 1080
ctccctctcc ctccccgcaa ccctgccccca ccttgcatcc agggtatggt gtaataaaac 1140
ctgtgttgcc atggcaaaaa aaaaaa 1160

```

```

<210> 7396
<211> 1080
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (927)...(522)
<223> similar to gi1001603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7396
tcactttaaa cttttggaaa ttttaatggt aaaatcaaata tatgtttttc tgggctctta 60
aacacctctg ctgtttatgt agttatgcag catgtcaaga agcatcttaa gacagaaagt 120
ttcaaatagg tcacattctt ttggctcttc tactcaattt ctctctgtga tcaacagcag 180
gctgatgcct ctgtttgaca ccccttctg ttaagatatt attgcaatta gatataattta 240
caagaagact cccccgcagc gcagtgggga aggtgggagc tcctcttcgg caatccactc 300
actagttttg gtttcgggat atgaaggcca ggactcgtcg aataccattc agtctgtcct 360
ttaaggacct cattgctagg aaggggagct gagctcggct ttccaaggga agaactgcta 420
acatccacca gcaccaggct gggccattcg ggttcatctg aggatcggcg tctttctccg 480
gcatgggacc aaagtgattg agtatccgat tctttaggga taatttgagc gaatgaaacc 540
acaatgacgc ttgctgatag acacagttat gtaatcccat gagctcagca caatcctctc 600

```

```

cctgaacctt ttggtcttca atgtattcaa tgtcggctgt gttgtagcca tcccgtggc 660
tctgatggag caccctgaag cgcctcttgc ctatgctgtc aaccactgag cggccatcag 720
caaagaattg aacatttctg atctctagga tgcagccata ttctgcaaac cctttgacag 780
gatctccaag gcacatgcc aactgtctcg tgcctgtctc aatgcatcta cgaatcatca 840
ggcggtaaca aggcctaaa atgtgcagg gacaaggaa ggtgggatag gccatagtag 900
acacgaaaat aggcacattc ttattaaggt tagaaagttc ttccatttcc tcttcataaa 960
gcttccttcg ttccttcagt tcttctggaa ggaatttagc tatgagctcc tccattatta 1020
catttttgcg gtattttctt gatgccaagc actgtgaaag accgtctttg cacaatggac 1080

```

<210> 7397

<211> 4698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4487)...(2744)

<223> similar to gi4240243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7397

```

ttttttttt ttctcattac tcatgatttt ttttaattta acatatatag tacatgtaaa 60
caactggcat aaaattcata aaaatacaat actcctatgc aatatcactt tattcctgat 120
acatactttc attttctcat taatatcact ggcctatttt aacactatat tttttttgcc 180
aagcattttt agagggctta tcttttttaa ggaaatacag gcccccaact ttgttttcgg 240
aaaatgttgt aggcataagg ctatttttga tcggcttctt tggcccatc cttaattttc 300
ctcactactaa aggcataaat atttggttaa tggctaacia tatgcaaaaa cactgaacct 360
ttaatactgt tttgtacgcc ctatgggaac ctgctaccaa tctgcatg cccatcaaaag 420
ggtggtggga tgctcccaca gtggccttgg gctgcggagg ctgtgggcca cgggctggca 480
tagggggggg gaccttcagg cctctggctc caaactggct cccctaatat atagccatat 540
tttgctgggg gttacattca taaacactgc taaaaagga tcttcttga aaaagctaatt 600
ttatattact ttaaatggtt cccagcaaat gaagcagtta taatagtatt ttaaatgctt 660
ttttcctata cagaatttct acttattaca tgtgaacttc tttggaagga aattactggg 720
ggtgagaaaa atataaaata aatgtaaaag tataattttt aaaaattgta actgctggat 780
gtacacaatc agccacactc aggtgagcaa caatcacaga taagcagcgc gcacctccct 840
ctccctgctc atgtcaactc ccatcctcag cctcaagtgt ccaccgcca ttttcttga 900
ctgttgtgca tcatcgctca aatgttgctt ttaatccaca aatcaagggc tgcttcccta 960
ttttctaaaa ctagcaaaaag cctaagaaat aaaaacagtc aaccagcaaa tgagaaacag 1020
tgccacaaaa tctgaagaac gctgccagag tccctctcct gggctgcctc cagggaaagga 1080
gcatccctgg gagctgcggc tctaggcgct ggcacaagac tggggggcgg tgcttctctg 1140
agggcacact cctcagcctt tgcagctgac ttatgtcagc aagctgctgc ttccccggga 1200
ccaggcctgc ccttgggctc tggtagaag gtagaaggg aacagcggct tccaggagt 1260
ggcaccagaa accatgcctg aggactaagg tctgaaggac aatccacaat gaggttaatc 1320
tgcctgtggt taagaaagag aagctgtata attaaatgtg tagtctgtca gccatagtca 1380
cgctttgctt agaattttaa accctaaaac cttttctcag agctatgagg tttcatcggt 1440
ttgaagaatc tcatttcaca caaattaact tctaagaaac aaaaattcat acaaggaatt 1500
caaagaaggt gtagaaatth ttcaaaataa aaataaatag gaagaaaaaa actaaagagg 1560
aggacgaaat atacttattc cttatactga aatgatggtt tttagaacca aaattataac 1620
ataaggctta aggctttgtc ttatttaaaga caggcaatct taaaagtaaa atataaaaac 1680
tccatttatc attattcttt acatttttga cagcaaaatt agtcatgttt tattgtatct 1740

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taatagtaaa	agaaaaatta	ccatgtacta	cagtctactg	ttccactata	aatgatgtct	1800
aatcaaatat	acattagttt	ctagatgcac	tatatattg	gttggttcaa	atagtttttc	1860
ttaaaactat	aattaaacat	gaaaaaactt	taaagtgggt	ttaaaggtatt	aaaatataaa	1920
catttgaata	atgctaataa	tgagaaaaat	acagttacca	ttaatttttt	ttaaaaccaa	1980
gaataagtac	ttgataagca	actaaatgag	taaacagtac	ttatttgaca	gaaaatatgg	2040
ggaagaggag	aagagagaga	gcaagagaga	gagagaaaga	gacacgataa	tgccatatgg	2100
ctggaagtta	agggaatttc	ctaaccacaa	ggtccaagag	tttggtattaa	taatgggcag	2160
gaaaagcttc	attaacaaga	gaacagagaa	caaaaagcgc	acaaggaagt	aaaacaaaca	2220
gatagttcta	tatagcaaac	actccatgtc	tgccccatct	actgtaactc	aagttgatga	2280
caggggctga	catgaccgaa	gaacttacaa	tcactgaaat	gtccaaaaga	caagagcaag	2340
aggcagaaaa	aagaagcaag	gggcattaat	agttctttaca	ctataaaatc	agccccatac	2400
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tacaggtagc	tttgctcact	ttagcacaaa	tattaaagtc	aagtacaagc	atatactcat	2520
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atttttataa	ttagaatgac	attcaaattg	accaaataac	acgttttcta	tttgaaaaca	2640
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ttacagatgt	agttctccgt	aggcagcagg	tcattgtagca	gtcattcttt	tacaacttct	2760
aggactttgt	aaacactgtt	ctggaataca	gtggtgaagt	gaggtttgga	atccttcacc	2820
aagaggttac	ataagggagt	tttcccagca	ttggcaggat	cttctacatc	ccaaatttca	2880
ggcatactgc	aaccaggctt	ggatcttctt	acacaccatg	actcttctag	aatgtaatat	2940
ttcactttta	actttatcag	ttctcgcttc	acttcttcgg	ctgctttccg	actatacatt	3000
gagtatacta	tttttgttct	ggctctcaag	cctgcgtctt	cataatgtgg	atgattcaca	3060
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gcatctggtt	tagtactata	tttgatccat	tctataagtt	cttcttgggg	caaattgctg	3180
aactccccta	caatattcca	ctgggtttgc	agatttgctg	aaccttgat	tgacattgct	3240
gctaatatag	caaacacaat	agcaccagga	tgtactttgc	aaaagagcca	tccaaatagc	3300
tgtcttgagc	agatcagtga	tgccataaca	cacatgtgtg	gtgtcaagaa	gagttttagt	3360
ctcataatta	aaataccaag	ggctgtatat	gctaacaatt	gcaatgcatg	gtaaaccagc	3420
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atatcactaa	taatctttct	aacaatagca	acaaacccta	caagaacaac	tggaagcaat	3540
aatgtctttg	tgtatctcag	tggaagtctt	ttttccataa	agtcaaaact	cgctgcacag	3600
gtatacaata	aagtatcaaa	atccttataa	ctaaagaatt	ttgatgttag	taagttgcc	3660
atatgagcgt	catttgcaat	acaaaaaatt	ttagatgtca	agtatttaag	tatgacagtt	3720
ccaaataaacc	aaaaacatcc	ttgaataaacc	cataaaactaa	gttcagatac	atttattttc	3780
aggaaatgtg	gtttcattgc	cagaataccc	caaataatta	ccaaagaaga	agcataataa	3840
gaagttaata	acattgagtt	cccaaaccatc	aaaacaaaac	aaagtgcaag	agaaatcatg	3900
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aataatgatg	caatctgagt	aagaagtaca	aactgagcaa	actgccaaag	aagcatgaaa	4020
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atatgagtca	ctagcaacat	ctgaagaaca	agaaatggat	atgagaagct	ttcacggaga	4140
ggtggtgtcc	acattacacg	ggtacactct	ccatgattga	aaaagaagca	caacactgta	4200
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attagtccat	ttaaaataaa	aattacagca	acatagaagc	aagcaggatc	tcccaatcct	4320
tcacagcttt	cagtaggact	gagtccttct	cctatggtaa	ccgtccaaca	tatcttggtt	4380
tgaataccaa	tcaagtccat	tatttttggt	taaatccggt	accaactggc	caaaattacc	4440
tcagggtaaa	gattgaatct	ttttaatgta	ttaatgacaa	gggggtattc	agtcagttta	4500
tcattcataa	tcattccatac	tccattcaaa	aatgaggggtg	cttcacaat	agtcttgaaa	4560
taggaataat	atagtcccat	ttcagtgcga	aaagccatct	actatgttta	ttattttatct	4620
tctgtcttcc	ctctttcccc	cactctgtta	gaatgtagta	atatgaatgc	tggtgtattc	4680
cacatgcctt	gacagttg					4698

<210> 7398

<211> 444

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (55)...(130)
 <223> similar to gi950109 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7398
 cgagacgcgtg ggccggacgcg tgggtagcgc cttttttttg gaaacctctg cgccatgaga 60
 gccaagtggg ggaagaagcg aatgcgcagg ctgaagcgca aaagaagaaa gatgaggcag 120
 aggtccaagt aaaccgctag cttgttgac cgtggaggcc acaggagcag aaacatggaa 180
 tgccagacgc tggggatgct ggtacaagtt gtgggactgc atgctactgt ctagagcttg 240
 tctcaatgga tctagaactt catcgccctc tgatcgccga tcacctctga gacccacctt 300
 gctcataaac aaaatgccca tgttggtcct ctgccctgga cctgtgacat tctggactat 360
 ttctgtgttt atttgtggcc gagtgtaaca accatataat aaatcacctc ttccgctgtt 420
 ttagctgaag aattaaaaaa aaaa 444

<210> 7399
 <211> 1649
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (117)...(824)
 <223> similar to gi4456768 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7399
 ctattttgtt tcgtctggta ctcttgtctc tcgtttatatt gcttaactct gtagccacag 60
 aagaaaggaa accagctgaa gttcttattg tcgagggaca acagtatgca gttgttgga 120
 ccgtattgct gtttaataaga attatccttg aatattgccca ggggtgtggat aacatcccat 180
 ctgttactac tgacatgctt actcgtctgt cagattttatt gaagtacttc aattcaagaa 240
 gttgccagtt agttcttgga gctggtgcac tgcaagttgt tggactaaaa acgataacta 300
 caaaaaaattt ggetctttct tcacgatgtt tgcagttaat tgtgcactac attcctgtga 360
 tccgggctca ttttgaagct cgactaccac ctaagcaata tagcatgctt aggcattttg 420
 atcatatcac taaggactac catgatcaca tagctgaaat atcagctaag cttgtagcga 480
 taatggatag cttatttgac aagctgttat ctaagtatga agtgaaggct cctgttcctt 540
 ctgcctgttt caggaatatt tgtaagcaaa tgacaaaaat gcacgaagct atatttgatc 600
 tccttccaga agaacaaca cagatgttat ttttaagaat taatgcaagt tataaactcc 660
 acttgaaaaa gcagttatct cacttaaagt tgataaatga tggaggacct caaaatgggt 720
 tggtcacagc agatgtagct ttttacactg gaaatcttca agccttaaaa ggccttaag 780
 atttgacct aaatatggcc gaaatttggg agcagaagag gtgatgtcat cctggaaaac 840
 tgggtagttc atctgacct gggatgtgtt tgttatgaag aaaatctgga tgctgtgat 900
 tcgagaattg aacctgaaac ccaaagtga ctgggggtggg ggaagggaaa aaggaaagta 960

tcaagtgttg	ggaaactgga	ttcagtggga	tctacaagga	atgtcatttt	tgtgcatcct	1020
acagtgagga	gtaactgatc	aggtgtctat	aacatttttc	attctctctg	gaaacagact	1080
caggtttctt	tggaccaaat	ccaaaagaac	acatagctgt	aacacagctg	tagttgacta	1140
gaatgctctg	tatactttat	attaaaaaat	gctttgcatt	tcttccagtg	caatgaaatt	1200
catatgggtg	cccaccttat	ttaatgatgg	tacaatttaa	aatcttagtc	aacttctgta	1260
gaaagttttc	tctatgaaag	taaagctggt	tgaaaaatta	ttatTTTTTT	acagatcttt	1320
ctataaaaaa	taaacatctt	ttgattgctt	ggatttagga	attcaattct	tgtttcagtg	1380
accaatgtca	agttgcaggc	tttgtgtggt	gcatatttaa	tatttctact	accaccgtat	1440
gtcaactggg	taaagccttc	cagagctctc	taaataacctg	aaagacttaa	gcctTTTTTT	1500
aagtaattaa	tacttaaaaa	aaaaagatcc	tggcatctat	ttatgcaact	aaatactttt	1560
cagaaatggg	atataaaagg	ctacagttta	atatctgtat	ttttataaaa	gtatgatgaa	1620
gggtttgggg	tgtttttatt	tgtagcatg				1649

<210> 7400

<211> 1671

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(1160)

<223> similar to gi3790610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7400

cgtagcgccc	gagtgtcggg	gggcttacc	ttttcggggc	atgatgccgg	gaaccgcgct	60
gaaggcgggt	ctgctggccg	tgctgctggt	ggggctgcag	accgcgcgag	gtcgtctgct	120
gagtgggcag	ccagtctgcc	ggggagggac	acagaggcct	tggtataaag	tcattttactt	180
ccatgatact	tctcgaagac	tgaactttga	ggaagccaaa	gaagcctgca	ggagggatgg	240
aggccagcta	gtcagcatcg	agtctgaaga	tgaacagaaa	ctgatagaaa	agtttcattga	300
aaacctcttg	ccatctgatg	gtgacttctg	gattggggctc	aggaggcggtg	aggagaaaca	360
aagcaatagc	acagcctgcc	aggaccttta	tgcttggaact	gatggcagca	tatcacaatt	420
taggaactgg	tatgtggatg	agccgtcctg	cggcagcgag	gtctgcgtgg	tcattgtacca	480
tcagccatcg	gcaccgcgtg	gcatcggagg	cccctacatg	ttccagtggg	atgatgaccg	540
gtgcaacatg	aagaacaatt	tcatttgcaa	atattctgat	gagaaaccag	cagttccttc	600
tagagaagct	gaaggtgagg	aaacagagct	gacaacacct	gtacttccag	aagaaacaca	660
ggaagaagat	gccccaaaaa	catttaaaga	aagtagagaa	gctgccttga	atctggccta	720
catectaata	cccagcattc	cccttctcct	cctccttggtg	gtcaccacag	ttgtatgttg	780
ggtttgatc	tgtagaaaaa	gaaaacggga	gcagccagac	cctagcacia	agaagcaaca	840
caccatctgg	ccctctcctc	accagggaaa	cagcccggac	ctagaggtct	acaatgtcat	900
aagaaaacaa	agcgaagctg	acttagctga	gacccggcca	gacctgaaga	atatttcatt	960
ccgagtgtgt	tcggggagaag	ccactcccga	tgacatgtct	tgtgactatg	acaacatggc	1020
tgtgaaccca	tcagaaagtg	ggtttgtgac	tctggtgagc	gtggagagtg	gatttgtgac	1080
caatgacatt	tatgagttct	ccccagacca	aatggggagg	agtaaggagt	ctggatgggt	1140
ggaaaatgaa	atatatgggt	attaggacat	ataaaaaact	gaaactgaca	acaatggaaa	1200
agaaatgata	agcaaaatcc	tcttattttc	tataaggaaa	atacacagaa	ggtctatgaa	1260
caagcttaga	tcaggctcctg	tggtatgagca	tgtggtcccc	acgacctcct	ggtggacccc	1320
cacgttttgg	ctgtatcctt	tatcccagcc	agtcattccag	ctcgacctta	tgagaaggta	1380
ccttgcccag	gtctggcaca	tagtagagtc	tcaataaatg	tcacttggtt	ggttgtatct	1440
aacttttaag	ggacagagct	ttacctggca	gtgataaaga	tgggctgtgg	agcttggaaa	1500

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accacctctg ttttccttgc tctatacagc agcacatatt atcatacaga cagaaaatcc 1560
agaatctttt caaagcccac atatggtagc acagggttggc ctgtgcatcg gcaattctca 1620
tatctgtttt tttcaaagaa taaaatcaaa taaagagcag gaaaaaaaaa a 1671

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<210> 7401
<211> 1991
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1882)...(248)
<223> similar to gi671527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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00403225.042100

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<400> 7401
tttttttttt ttctcaaagt acttagatatt aatcatcgga agcaaactaa atggaaacct 60
tacaatagag aagaattaca tgtcagtgtc ttttggaaaa ctgagctggg acagaaaggg 120
actggggggt gccccccaac ctgatccctt ctgaacaaag acgtccacag tggtcctggc 180
actctgggtc agggaaaagg gagactctgc tggttctgtg cattgaagta gccttgcccta 240
gcactcactc ctggccagca tcaggagccc cgccttgccg gctctgggtc tgccttttct 300
ttttgtggcc tgaaacgatg tcatcaattc gcagtagcag aactgccgtc tccactgctg 360
tcttataagt ctgcagcttc acagccaatg gctcccatat gccagtttc ttcattgtcca 420
ccaaagtacc cgtctcacca tttacacccc aggtctcaca gttctcctgg gtgtgcttgg 480
cccgaaggga ggtaagtaga cggatgggtg tggccccaca gttctggatc agggtagcag 540
gaatgacctc tagggcctgg gcaacagccc tgtatggcca ttgttccaca ccagtcattg 600
ccttggtatt ttctgtcaag gcatgggcca cagccatctc ggaggcccca cccctggcca 660
ccagctgagg gtccaggaga acattgagac acacttgcat ggcattcctga aagttgcgtt 720
ctacttccga gagaatctct ttgctagccc cccggaggag aatgggtgcag gccttggggg 780
ctttgcagtc agtgatgaaa gtaaagtatt catctccaat tttcttgatt tccaacaggc 840
ctgctcctgt tccaacatca tcttctctca gttcctctgg tcggctgact atccggggccc 900
cacaggctct agcaatgcga ttattgtctg tcttcgggac tctgcggatg gctgtgatat 960
tggcccgcat aaggtagtgc tgagctaaat ctgagatgcc cttttcagtg atgaccacat 1020
cgggcttcag ttggataatg tcttcacaga gctgctggat gtactcttcc tccatctgga 1080
gaattcgggt gaagtctctc tctcgtgtaa tctcaatgtc agtctggctt tctcctttct 1140
tgtattccag agaagaatcc agcagcacia tgcgagggtt cttgatatag cgccgcatac 1200
gtggatgggt cacatccttg ttaatcatga ctccacgcaa gacacaggag tcttcaatga 1260
tgccctcagg tatcttttcc actcttgcat atttttttat gtcaatctct tcccgaccat 1320
tctcctcaaa ctgtaccatc ttgacagcat ccagggcaat gttgcaagcc aaagatgacc 1380
accgactgat ggcttttgta gtaatatagc tgttgatgat gttcagcatc atatcactgt 1440
cactgatgtc gactgggata cttatttttct ttaggggtgt gatcatatca tccaatgcct 1500
tgcggtgaag actgatcacc actgttgggt gcatctgctg ctccaggaag tgctcagcta 1560
cagacagcat tccccctgca agaataatta ctgatgtggg cccatctcca acctcttcat 1620
cctgggtccg gctaatttcg atcatggact tggccgctgg atgctggact tgaatctctc 1680
gaagaatggc attgccatca ttggtcatca caatgcctcc cattgggtcc aaaagcatct 1740
tcatcatgga cttgggtccc aaacatgttc ggatgatatc tgcaatagtc ttggcagcat 1800
tgatgtttcc agattgaact tttcttccgg attcacgctt tgtgttctgg ctgagcacga 1860
gcactggacg atggcccatc atggcgacgc gatgcagagc cgggtaccca gagctggggg 1920
aaccggcaga accttctgga gagagagaac cagacagaag cccagaaaac gctgcctcct 1980
cagggttac c 1991

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<210> 7402
 <211> 1463
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1453)...(194)
 <223> similar to gi4808241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7402
 tttttttttt ttcacagcca attttcacac tgttggttca cattctcaca gccctcagca 60
 caggtcacgt cccagcccag ctctgggact ttgggttcagg gctcagagcc tctgggtctgg 120
 gctgatcgaa aacctccttt gacctgtgg cagcaggcgg accttggctc ttctcgtcct 180
 taccagagc tcagggcagt gccccgtgca gtcgccccac ttccacgaag gcctccacgc 240
 agcgggtcaat gtcttcctcg ctatgcactg ctgagatctg taccggatc cgggccttgc 300
 ccttggggac cacggggtag ctgaaccgca tgacaaagat gcctctcttc agcatgtcat 360
 ccgcatgcg agaggccagc cgggcatcac ccagcatcac agggcagatg gggtgactgg 420
 ctcccgagat agtgaagcca gcagcttcca tcttactacg gaacctctgg gtcttggcag 480
 ccatagactg gacaatggtg ttactcccca tcagcagatc tagggccttg gaggcgagc 540
 caacgacagc aggtggcaga ctggtggaga agaggatgg ccgggcgcgc tgccgcagca 600
 gggacaccag gggcccaggc cctgtcgtgt agccccctga tgcctcacc agggccttcc 660
 ccagggtgga gttgatgatg gtgacctggt ccatcacacc cagcagctca tctgtgcccc 720
 gtccctgtgg cccaggaag ccagtggcat ggcattcatc catgaagacc agggcaccat 780
 atctagaggc gaggcagcag atctcctgca ggggtgcat gtcgccatcc atggaaaagg 840
 ccccatcagt ggccaccagg cgcagccgat gcttctgggc ctctgcagc ttggcttcta 900
 ggtcggccat gtccagggtg cgatagcggg acttgtgggc ctgacacagc cggatgccgt 960
 cgatgatgga ggcatggttc agctcgtccg acaggactgc gtcctctggg gtcagcaggg 1020
 cctcaaagag gccgcgttg gcgtcataac agctgggata gaggatggca tcctcccgt 1080
 ggtggaagcg ggctattttt gcttctagat tcttgtggat gctctgggtt ccacagataa 1140
 agcggacaga gctgaggcca gctccaaact cctccagagc ctgcagacct gcctggatca 1200
 cctcagggtg gctgctcagg ccaggtagt tgttggcaca gaagttaagg attcctccgg 1260
 agacgccgtc cacgcggatg tgcggcccct gacgggacgt gatgaccgc tactcttcc 1320
 aagtgccagc tccgcagatg ccttccagct cccctccag aatgccacgc agctgggcca 1380
 gcgctgactg tgcgcggcgg ccgcggggca cccagaagag tgcgggcgcgc caggcgttcc 1440
 caggccacat cgctcggcac gag 1463

<210> 7403
 <211> 859
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (273)...(670)
 <223> similar to gi2979568 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7403

ggaattcccg	ggagcctccc	caggccggcc	ctgggccttc	ccccaggaag	agccccacgg	60
ccagctcctt	cctgttcccc	tggcgcccc	tcgcttcttc	cttctggatg	ggggcccagg	120
gggcccagga	gagtataaag	gcgatgtgga	gggtgcccgg	cacaaccaga	cgcccagtca	180
caggcgagag	ccctgggatg	caccggccag	aggccatgct	gctgctgctc	acgcttgccc	240
tcctgggggg	ccccacctgg	gcaggaaga	tgtatggccc	tggaggaggc	aagtatttca	300
gcaccactga	agactacgac	catgaaatca	cagggtgctg	ggtgtctgta	ggtcttctcc	360
tggtgaaaag	tgtccagggtg	aaacttggag	actcctggga	cgtgaaactg	ggagccttag	420
gtgggaatac	ccaggaagtc	accctgcagc	caggcgaata	catcacaaaa	gtctttgtcg	480
ccttccaagc	tttctccgg	ggtatggtca	tgtacaccag	caaggaccgc	tatttctatt	540
ttgggaagct	tgatggccag	atctcctctg	cctaccccag	ccaagagggg	caggtgctgg	600
tgggcatcta	tggccagtat	caactccttg	gcatcaagag	cattggcttt	gaatggaatt	660
atccactaga	ggagccgacc	actgagccac	cagttaatct	cacatactca	gcaaactcac	720
ccgtgggtcg	ctagggtggg	gtatggggcc	atccgagctg	aggccatctg	ggtggtggtg	780
gctgatggta	ctggagtaac	tgagtcggga	cgctgaatct	gaatccacca	ataaataaag	840
gttctgcaga	aaaaaaaa					859

<210> 7404
 <211> 2210
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (199)...(1188)
 <223> similar to gi4877999 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7404

tctctaggg	ggctagagcg	tcctcccgcg	ctcagtcgcg	ctgcagggtga	cggcgcccgg	60
aggctgtcgg	gaagtaggag	gggtgacgtg	tggttgacga	gctcggcggc	gggtttgctg	120
agatctgtgg	ccggcggcag	ctggtgcggg	gggcagctga	gagcgagagg	tggatcgggg	180
cgggtgtgtg	ccagggccat	gacgggcaat	gccggggagt	ggtgcctcat	ggaaagcgac	240
cccggggtct	tcaccgagct	cattaaagga	ttcggttgcc	gaggagccca	agtagaagaa	300
atatggagtt	tagagcctga	gaattttgaa	aaattaaagc	cagttcatgg	gttaattttt	360
cttttcaagt	ggcagccagg	agaagaacca	gcaggctctg	tggttcagga	ctcccgaatt	420
gacacgatat	tttttgctaa	gcaggtaatt	aataatgctt	gtgctactca	agccatagtg	480
agtgtgttac	tgaactgtac	ccaccaggat	gtccatttag	gcgagacatt	atcagagttt	540
aaagaatttt	cacaaagttt	tgatgcagct	atgaaaggct	tggcactgag	caattcagat	600
gtgattcgac	aagtacacaa	cagtttcgcc	agacagcaaa	tgtttgaatt	tgatacgaag	660
acatcagcaa	aagaagaaga	tgcttttcac	tttgtcagtt	atgttcctgt	taatgggaga	720
ctgtatgaat	tagatggatt	aagagaagga	ccgattgatt	taggtgcatg	caatcaagat	780
gattggatca	gtgcagtaag	gcctgtcata	gaaaaaagga	tacaaaagta	cagtgaagg	840

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<210> 7405

<211> 3745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (823)...(1688)

<223> similar to gi5420222 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7405

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```

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<210> 7406
<211> 3420
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1205)...(2414)

<223> similar to gi3924603 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7406

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<210> 7407

<211> 996

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (121)...(472)

<223> similar to gi4433387 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7407

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acaataaaaa ttctcttata aaggccaaaa aaaaaa 996

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<210> 7408

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (196)...(571)

<223> similar to gi4580592 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gccaagtgtc cggcgggcgc acctcgtggc gagaatcggg agaaggagga gactacaagg      180
ataggccccag gagtaatgga gtccaaagag aaacgagcag taaacagtct cagcatggaa      240
aatgccaaacc aagaaaatga agaaaaggag caagttgcta ataaagggga gcccttggcc      300
ctcccttttg atgctggtga atactgtgtg cctagaggaa atcgtaggcg gttccgcgtt      360
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ctgaggggaaa agcagttgag tcatagtctg cgggcagtca gcaactgaccc ccctcaccat      540
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<210> 7409

<211> 1964

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(901)

<223> similar to gi1938421 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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atgaaggatg gcagcatgcc gtgcattaaa agctgttttg gtagatctca gtggcacact      180
tcacattgaa gatgcagctg tgccaggcgc acaggaagct cttaaaaggt tacgtgggtgc      240
ttctgtaatc attaggtttg tgaccaatac aaccaaagag agcaagcaag acctgttaga      300
aaggttgaga aaattggaat ttgatattct tgaagatgaa atattcacat ctctgactgc      360
agccagaagt ttactagagc ggaaacaagt cagacccatg ctgctagtgt atgatcgggc      420
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accagaacat ttctattatc aaattctgaa tcaagcattc cggttactcc tggatggagc      540
acctctgata gcaatccaca aagccaggta ttacaagagg aaagatggct tagccctggg      600
gcctggacca tttgtgactg ctttagagta tgccacagat accaaagcca cagtcgtggg      660

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ttccattaat aacctattca ttgcagatac ctattatact gtgtaacagt tgttttggaa 1620
attttatgta aaattaaaac tatcagtatt ttacagatgt tttaattaga cattgttatt 1680
aacaggaaca gtgcagaaac tagaatcaag ccttataata tcttatagac catgcatttt 1740
tgaagttagt gtcactagg gtcctattaa ctgtacattt gcaagatttc attatttttg 1800
cctctgacac tatgggaaaa attttttaga agctattggg acagattcaa gcttttatgc 1860
acttggttac tacagctgta aatgaaatc tcgtcttgta gcatggatta ttcttctcat 1920
gttaaaccca ccaaaataaa ggggactaaa taggtaaaaa aaaa 1964

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<210> 7410
<211> 1987
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(1044)
<223> similar to gi311632 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7410
atcaagcagg ggcagggctg gcgctgcggc gggagatgct gtcggggccgc ggcggcgctt 60
ggcagccagg agctctgcat tgaaggcact ggggtaaagt gaatgccgaa gacagaagat 120
ttggatgata caccactgac tttctttggt ttggaatacac gttatgaacc ctttctggag 180
catgtctaca agctctgtac gcaaacgac tgaaggtgaa gagaagacat taacagggga 240
cgtgaaaacc agtctccac gaactgcacc aaagaaacag ctgccttcta ttcccaaaaa 300
tgctttgccc ataactaagc ctacatctcc tgcccagca gcacagtcaa caaatggcac 360
gcatgcgtcc tatggaccct tctacctgga atactctctt cttgcagaat ttaccttggt 420
tgtgaagcag aagctaccag gcgtctatgt gcagccatct tatcgtctctg cattaatgtg 480
gtttggagta atattcatac ggcattggact ttaccaagat ggcgtattta agtttacagt 540
ttacatccct gataactatc cagatgggtga ctgtccacgc ttggtgttcg atattcctgt 600
ctttcaccgg ctagtgtgat ccacctcagg tgagctggat gtgaagagag catttgcaaa 660
atggaggcgg aaccataatc atatttgga ggtattaatg tatgcaagga gagttttcta 720
caagattgat acagcaagcc ccctgaaccc agaggctgca gtactgtatg aaaaagatat 780
tcagcttttt aaaagtaaaag ttgttgacag tgttaagggt tgactgtctc gtttgtttga 840
ccaacctaaa atagaagacc cctatgcaat tagcttttct ccatggaatc cttctgtaca 900

```

```

tgatgaagcc agagaaaaga tgctgactca gaaaaagaag cctgaagaac agcacaataa 960
aagtgttcat gttgctggcc tgtcatgggt aaagcctggc tcagtacagc ctttcagtaa 1020
agaagagaaa acagtggcga cttaagagat ggtgaatctg gtgcaccatg cactttcctg 1080
ctagactctg gcctagttca agctgaccaa tggcagagga ctgcctgaag agtaaaaactg 1140
tgtgaacaat gactgactgc cagtgttttc catgtatgca taggttctaa cagcaggggtt 1200
tggaacactg tctctaagta atgcattact tctgtcagaa gtgtcttagg gtggttatct 1260
agttcagtac tccaaattat tggggacctt gaggcttaag taagtatttt tctgaatata 1320
atgctaaagg taagttgcat tcatttaaac taatagagca gacagaattc agcactactt 1380
aatagtttat aaatcagtggt ttccagttgt atatatgtta ggaaatggag aggtatagag 1440
agagcaggtt ccatagctca gcacttttaa gtggaagatc atttgaatct cagtcttcag 1500
cctgcactga tttgtagcct gcactgtcct actgatttac aaactgaaat cactgagaaa 1560
tgtcttttagt tcagtgaagaa gaaaccagaa cacttgttcc tagtgttgtg ttgttttttt 1620
taagcaaatt acttacttac tgtattttta tggcaggagg gagaaaaagt gttacaacgg 1680
tttctaataa agtccgggtat tttaaataa atgactaat gtgttttagta gagacaaaag 1740
aaaccaataa atgattgttc ttgtccattt atgcagaaa ctaccctttt ctcaatataa 1800
ccaaacaaaag gctaatttat aaatgcttta ttgaaaaata cacttatctt catataaaat 1860
tacagtagca gtatcttgag aagttttata aatatttttg cagaacacta ttctaattga 1920
acaatgtaag ttccatattt ctctcagcaa tatgaaagta cctagtaact tttgttatac 1980
tgattca 1987

```

```

<210> 7411
<211> 3119
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (97)...(2661)
<223> similar to gi5912051 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7411
cgggtctgtaa ttcccggctc gacgatttctg tcgcgctggc ccgggctctc ccgcccgcgc 60
ttcatggctg cacacgagtg ggactggttc caacgcgagg agctcatcgg gcagattagc 120
gacatccgag tgcagaacct gcaagttgag agggaaaatg tgcagaagag gacctttaca 180
cgatggataa atctacatct agaaaagtgc aacccacctc tagaagttaa agattttattc 240
gtcgatatac aagatggcaa aatcctaagt gctttgttag aagtccctgtc tgggcggaat 300
ctgctgcacg aatacaaatc ctgctcgcat cgtatttttc ggttgaacaa catagcgaaa 360
gcacttaagt ttttgaaga tagcaatgta aaactgggta gcattgatgc agcagaaaata 420
gcagatggca acccttcttt ggttcttggg ctgatatgga acataatcct cttcttccag 480
attaaggagc tcacaggcaa cctcagcaga aactctccat cttccagctt ggcccctggc 540
tcagggggca cagactcaga ctcatccttc ccaccacac ccactgcaga gaggagcgtg 600
gcaatatcgg tgaaagacca gaggaaggct atcaaggccc tgttggcgtg ggtgcagagg 660
aaaacgagaa agtatggcgt ggcggtgcag gactttgcgg gcagttggag gagtgggctg 720
gctttcctgg cgggtgatcaa ggccattgac cccagcctgg tggacatgaa acaggccctg 780
gaaaattcca cacgagaaaa tctagagaag gctttcagca tcgcacagga tgccctgcac 840
atccccaggc tcctggagcc agaagacatc atggttgaca caccagacga gcagtctatc 900
atgacttacg tggcacagtt tctagaacgt tttccggagt tggaaagccga agatattttc 960
gattcagata aagaagttcc tatcgaatcc acttttggtc gcatcaaaga aactccttct 1020
gaacaggaga gcaaagtctt cgttctgact gaaaatgggg agcgtaccta cactgttaac 1080

```

catgaaacca	gccacccacc	accctccaaa	gtctttgtct	gtgacaagcc	cgagagcatg	1140
aaggaattcc	gcctggatgg	tgtttccagc	catgcgctgt	cagacagctc	caccgagttc	1200
atgcaccaga	ttattgacca	ggctctgcaa	ggggggccag	gtaagaccag	cgacatcagt	1260
gagccatctc	cagaatcctc	cattttatca	tccagaaagg	agaacgggag	gtccaactct	1320
ttgccgatca	agaaaacagt	tcactttgag	gctgacacct	acaaggatcc	tttctgcagt	1380
aagaacctgt	ccctttgctt	tgaagggagc	ccaagagtgg	caaaggaatc	attgaggcag	1440
gatggacatg	tcttggcagt	tgaggttgct	gaggaaaagg	aacagaaaca	ggaatcctcg	1500
aagattccag	aatcctcctc	tgacaaggtc	gctggtgaca	tttttttggt	ggagggcaca	1560
aacaataatt	ctcagtcttc	ttcctgtaat	ggtgctttag	agagtacagc	ccgccacgat	1620
gaagaaagtc	actctctttc	acccccagga	gaaaatactg	tgatggccga	ttccttccag	1680
atcaagggtta	acctgatgac	tgtagaagct	ttagaggagg	gagactattt	tgaagccatc	1740
ccattaaaag	cctcaaaatt	taacagcgac	ctaatagatt	ttgcttctac	cagccaggct	1800
ttcaacaaag	ttccttcacc	tcatgagaca	aaacctgacg	aggatgctga	ggcttttgag	1860
aatcatgctg	aaaaactagg	taaaaggagt	attaaatctg	ctcacaaaaa	gaaggattcg	1920
ccagagcctc	aagttaagat	ggacaaacat	gaacctcatc	aggactccgg	agaagaagct	1980
gaaggctgtc	cttcagcccc	agaagagaca	ccagtggaata	aaaagccaga	ggtgcatgaa	2040
aaggccaaga	gaaagtcac	ccgtcctcat	tatgaggaag	agggagaaga	cgatgacctc	2100
caggggtgtg	gagaggaatt	atcttccagc	cccccaagca	gctgtgtcag	cttggagacc	2160
cttgggagtc	acagcgaaga	aggcctggat	ttcaagccct	ccccaccct	ctcaaagggt	2220
tccgtcattc	cccacgacct	cttctatttc	ccacactatg	aggttcccct	ggctgcagtt	2280
ttggaggctt	atgtagaaga	cccggaggat	ctaaaaaatg	aagaaatgga	tctcgaagag	2340
ccagagggct	atatgccaga	cctggactcc	agggaggagg	aggccgatgg	ctctcagagc	2400
agctccagtt	cctcggtgcc	aggagagagc	ctccccagtg	ccagcgacca	ggtgctgtat	2460
ctcagcaggg	gtggtgtggg	taccacacca	gcctcagaac	ccgctccact	ggccccccat	2520
gaggaccacc	agcaaaggga	gaccaaagag	aatgacccca	tggacagcca	tcagtcccag	2580
gaatccccaa	acctggaaaa	catagcaaac	cccctagaag	aaaatgtaac	gaaagaatca	2640
atcagtagta	aaaaaaagga	aaaaaggaaa	catgtggacc	acgtagaaag	ttcactattt	2700
gtagcaccag	gaagtgttca	atcctcagat	gacctagaag	aagacagtag	cgactacagc	2760
attccttcca	ggactagtca	cagtgaactcc	agcatttacc	ttcgacgaca	tactcatagg	2820
tcttcggaat	cggatcattt	tagcctatgt	tcagttgagg	aacgcagcag	atctggatga	2880
cagaagaaac	cgaatattaa	ccaggaaggc	caacagctca	ggagaagcca	tgtcactggg	2940
gagccacagc	ccgcagagtg	actccctgac	acagcttgct	cagcagccgg	atatgatgta	3000
ttttattctc	ttcctgtggc	tcctgggtgta	ctgcttgctg	ctcttcccac	aactggatgt	3060
tagcaggctc	tgatacgtgt	gtctggataa	taaaaaagac	aggaccctga	aaaaaaaaa	3119

<210> 7412
 <211> 2445
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (574)...(1057)
 <223> similar to gi2911266 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7412						
caagctccag	agactacaat	aattcacttg	ccctaggttc	caaagccagc	aagtggaaaa	60
cggagactgg	aattccgccc	gcaggactcc	aaagcctgtg	cagcaacacc	ccactcccc	120
ggcaggatca	ccagcaggac	gcgcgggagc	cagaaagtaa	gatccgtacc	tccaaggctc	180

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ccatggggccc aagcctccgc atcaacagac tgggagggat tacgtgggggt cccagggccg 240
gctctgaggc gggaaaaactt tctggaggcg gcggcctcag gccggagcgg gcgcacaccg 300
actggagggg tcggattcag ggatgtgggt ggaccgcatt tccccatctt ccccgccgcg 360
cacttcctct ggtgcaatct ccacaccccg cgccggcccc cctgcaacgc gccctggcac 420
tcaccggtgg gcgaaatttc cccgcctcca cgtgagagcc agctccgccg tgaccgggaa 480
gtccacttcg agtcgccggc ccacctctc gggttccggc ttcttccggg tcgcggcctt 540
cggcgaaacg cggttaccgt ggaaaccgcg gccatggcgg caccgcggca aatccccagc 600
cacatagtgc gcctcaagcc cagctgctct acagactcgt cgttcacccg gacgccggtg 660
cccaccgtgt ctctcgcgtc ccgcgagctg cctgtctcgt cgtggcagggt caccgagccg 720
tcaagcaaga atctgtggga gcagatctgc aaggagtatg aagctgagca gcctcccttt 780
ccagaaggat ataaagtcaa acaggagcct gtgattacgg ttgcgccagt agaggaaatg 840
ctttttcatg gcttcagtgc agagcactat tttccggttt cccatttcac catgatctca 900
cgtacaccct gtcctcaaga taaatcgaa acaatcaacc caaaaacatg ttctcccaa 960
gaatatttgg aaactttcat ctttcctggt ctgcttcccg gaatggctag cctgcttcac 1020
caagcgaaga aagaaaaatg ttttgagggt cgctgtgatc ctgagattca agaactgcgt 1080
cagtggcaga agaaacttcg cgaggccaag cacattcacc agcaagtcaa aattttctgg 1140
gccaagcaag aacaaaaagt gaaatgcaaa atggaggacg atgcagtacc tgcagccaag 1200
atgaaaaattc catcatctta accatagcta agacgtatct ttgccattc gagcacaagt 1260
taccttgtgc aaggaaaaatg tccaaatgat gctctctctc ttgtgatttc ttaacaaga 1320
cttgggaaca tgtgcaaatg gaatcttttc tgtacaagat aggattcatt tgcaaacaag 1380
ctttaatgca aatagttagt aaaagaaaag gaccagtctt cacttttctg cattatcccc 1440
acattttatt cattcatcca gattacttct ttcagtgtct aaaggagtat ttcttctaca 1500
ccagcttgct ggtaaaatgg tacaatgaac tctagtccca gaggaatata gaagtgtctt 1560
tattaccagt tttccactt gtggccgcct ttgcaaagat ccatattcta attttaagtc 1620
cccaacctct gaatttggtt ttaagtttac ctagtgactg actactctct ttataaaaaa 1680
gaccttatac ttaatgatca tttccaaagg agaccactcc ttaactttta ctgcaaacc 1740
aacaagatga gacacttaaa ccccagacag atgtaacaaa ggatttttgt tgtctaagtc 1800
ccaaagtatt atatagaaag ttctgtcttt tatgggtaaa cttattacct taatatgttc 1860
tgtggtttgc tgtaaaccaa gattctccca tttaaaatgc cacagaccga ccctcaaggc 1920
agatccgaaa gcctagtagt tagttgcact gggtgtttt gacaagctac cacacgtctt 1980
aagtaaatag taaagccttt atttttgtgt taagaacagc attttgaaaa taaaacctat 2040
ctgcccctgc tttacagcct tttaaatttg taatatattat atagtctgtt atggtacata 2100
ttgattgtct tgaaatttct ttaacttctt ttttataagt atgcaacagt cagccggggg 2160
aagataaagg tacattataa aacacacatt aatgcattta ataaatatat attatctatc 2220
aaaaagtgagc cttagctctt catcagttaa taaaaagcac ctgctgagaa ctctgtgaag 2280
ctggtatcat cattgcatca ttggattata aaagccacaa tgctcccttt caacttgggg 2340
tttgggcctg aggcgttcca actcagccct tgggcaaccg agaccaccac ccgagttcac 2400
ccttgtttca gtgggtcctg acgggcatct gggctaataa aaaaa 2445

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<210> 7413
 <211> 844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(846)
 <223> similar to gi4580011 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7413
cggacgcgtg ggggcgccg acttagccgg tggcacgaca gttgctgcag ggaatctttt 60
aaacgagagc gagaaggact gcgggcagga ccggcgggct cctggggttc agccgtgccg 120
cctcgttacg atgaccagtg tggttaagac agtgtatagc ctgcagcccc cctctgcgct 180
gagcggcgcc cagccggcag acacacaaac tcgggccact tctaagagtc tcttacctgt 240
taggtccaaa gaagtcgatg tttccaaaca gcttcattca ggaggtccag agaatgatgt 300
tacaaaaatc accaaactga gacgagagaa tgggcaaagt aaagctactg aactgccac 360
cagaaggaat gtcagaaaag gctacaaacc actgagtaag caaaaatcag aggaagagct 420
caaggacaag aaccagctgt tagaagccgt caacaagcag ttgcaccaga agttgactga 480
aactcaggga gagctgaagg acctgaccca aaaggtagag ctgctggaga agtttcggga 540
caactgtttg gcaattttgg agagcaaggg ccttgatcca gctttaggcg gtgagaccct 600
ggcatcacga caagaatcca ctactgatca catggactct atgttgctgt tagaaacttt 660
gcaagaggag ctgaagcttt ttaacgaaac agccaaaaag cagatggagg agttacaggc 720
cttaaaggta aagctggaga tgaaagagga aagagtcgga ttctagaac agcaaacctt 780
atgtaacaat caagtaaatg atttaacaac agcccttaag gaaatggagc agctattaga 840
aatg 844

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```

<210> 7414
<211> 3318
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (296)...(824)
<223> similar to gi4929753 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7414
tccaatacat ttaatttttc actaggacag attccccgga ataattctgt tgagtcaaag 60
gaaatgagta gttttggctc ctgcttataa attattataa tggttgtaat ccattcctag 120
agttgacttc catgtggttg gccaaatagg aacttttagaa tcattttgta aagttctaaa 180
aaactatctg agttttgatt gattttattt tgaaattagc agtaaattat cagaacaatg 240
ctcacattgt atttatgata accactcact cagtaactaa atgtatcttt catagattga 300
tgaactcca gagggcgctg tgaagcctcc agcaaacaag tctctatct tcttttttgg 360
caccatgaa actgcatttc taggtcccaa agaccttttt ccatataagg agtacaaga 420
caagtttga aagtcaaaca aacggaaagg atttaacgaa ggattgtggg aaatagaaaa 480
taaccaggga gtaaagttaa ctggctacca ggcaattcag caacagagct cttcagaaac 540
tgaggagaa ggtggaaata ctgcagatgc aagcagttag gaagaagggt atagagtaga 600
agaagatgga aaaggcaaaa gaaagaatga aaaagcaggc tcaaacgga aaaagtcata 660
tacttcaaag aaatcctcta aacagtcccg gaaatctcca ggagatgaag atgacaaaga 720
ctgcaaagaa gaggaaaaca aaagcagctc tgagggtgga gatgcgggca acgacacaag 780
aaacacaact tcagacttgc agaaaaccag tgaagggacc taactaccat aatgaatgct 840
gcatattaag agaaaccaca agaaggttat atgtttggtt gtctaattat cttggatttg 900
atatgaacca acacatagtc cttgttgta ttgacagaac cccagtttgt atgtacatta 960
ttcatattcc tctctgttgt gtttcggggg gaaaagacat tttagccttt tttaaaagtt 1020
actgatttaa tttcatgtta tttggttgca tgaagttgcc cttaccact aaggattatc 1080
aagatttttg cgcagactta tacatgtcta ggatcctttt atcaaggcag ttatgatcat 1140
cgttttcctg ccttgacccc accatcatca aacactcagt taaatataaa ttaacatttt 1200
ttagatgacc actcaacata atgcttaaga atggaatttc ctctctgtga cagaacccag 1260

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gaattaattc ctaaatacat aacgttggtta tattgaagac gaaattaaaa ttgtccttca 1320
gttttgaggc catgtgtaaa gtttaacccat attgtaaaaat atctattccg tattagaaat 1380
agctagtgtga cagcttatac ttctcaaaat tcatattggt atgtacacaa actaagtttc 1440
tatatgtgaa gttagtgaat ctttttgtgt tactccaaaa taaaggcaat gatttatttt 1500
tttcccagtg ccaatacaat tttgagctaa gcactcaagg tggatacttt acatttttaa 1560
gctggaatca gcaacagccc tatgggaaac cagacaaagc attgactttt aaatgtagac 1620
ttttaaaata aactgttttc ttttggaact acaattagaa tagttaatat tcatccttaa 1680
accattatta tgtgtacatt attgttgcta ttgtgataat agagaatttt atttattttt 1740
atgccagctt atattgtgag aacacattta gtcagtttggt gttttatcaa tcctgttaat 1800
gcttgtcctt ggaacatctt tgcggtattc acggtttgta gttgaaaagt ttactgtaaa 1860
aaaatcaaaa acaaaaaaaa tgtattgttt ttacagaata aattttattgg aatgtgtact 1920
gggagtaaga tttgaggttg taagcaaaact aagtttagtgt aatttggctt catatatgta 1980
acgtgaggta ttaatgtaat tcatatatta aagcaaaaaat tggtcacagc aagctgacaa 2040
tagaatcaag tgcagggtgag gggttttcct tttctttcct tttttttttt aaacactttt 2100
tgggttttaa attatttgaa aacactgtag gggatgatgg ggagatgact acatgatttg 2160
cttacactta catatttacc accccagtggt accctaaatt ttgtaatttg atattatcca 2220
tgcattgatt tgtatcccat tttcttttgg tttttttgat gaggagctaa taaaaacatg 2280
aggaaaatgt gaggcagacc ctaaaagcct agggcgcgtta ataatgatga tggatgatga 2340
ggcagctaag ggtatgaaag caccagtcca tttatcattc cagggcacag tgaggaggtg 2400
gctgtttgga tttttgtgtg gtttctttca tttagtgaat actgattttc tctagtatac 2460
tcaacatata atcccaaaca tgaaaagttc ataaaaagat agtagggatg tcatcctaat 2520
acttcttctt taaaaggtcc tttttaattt tgaatatttg aatgtatttt ttaattaatg 2580
aaatttaatt catcaaaaga cctcttcatt gctcacactg aaacataagg ggaatgtaga 2640
tggcattttg aattggaata tacaactcac aaattttcct taaaagcgtt ttatgtgtat 2700
atatgaaatg tttcaaattt aataagattt gtctttataa gaggccaaaa ataattttat 2760
taaaaaatata cacagaaata caatagaaat atttccagcc accaataaaa caaatgttca 2820
ttaaggatag agataaagtt actgatccct atttagctgt ttaaattcac acaaaaaaat 2880
ttagtaaaag taattttcct gaaacagcag caaataataa actttccttg ggaaaacatt 2940
tttcaaacia catttaaaaa tattctgatg atttgctttt tatattgagt ttaataatga 3000
agcatattca tcttatttgc aaaagttact cctccagtct gcattcaactg ttttgaattt 3060
tttaatatgc acaggccata ttctcttttg aatagtttca tttcatgctc actactgttg 3120
gcactaaatt gtaatttttt acacttataa ttattttata tgtcaaaaaa tattgagatg 3180
gatgatcaag ttatttcaca aatgattttg aatatatttc ttgagaaaca gtttgtttta 3240
agaaatatat tcacaaatga ttttgcggtg gcgtgggtcg acccgagggg tctcaaccgg 3300
tacctctaag gtatctag 3318

```

<210> 7415
 <211> 1612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (60)...(1417)
 <223> similar to gi3043670 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7415
cgacagaatg gggcctctct ggaagttgtc ccgggtgttc gccgctggag cccgggtcga 60
gaggacgagg tgccgtgcc tggagaatcc tccgctgccg tcggctcccg gagcccgacc 120

```

```

ctttcctaac ccaacccaac ctagccagct cccagccgcc agcgccctgtc cctgtcacgg 180
acccccagcgt taccatgcat cctgccgtct tcctatcctt acccgacctc agatgtctcc 240
ttctgtcctt ggtaacttgg gtttttactc ctgtaacaac tgaaataaca agtcttgata 300
cagagaatat agatgaaatt ttaaacaatg ctgatgttgc tttagtaaatt ttttatgctg 360
actgggtgtcg tttcagtcag atgttgcacg caatttttga ggaagcttcc gatgtcatta 420
aggaagaatt tccaaatgaa aatcaagtag tgtttgccag agttgattgt gatcagcact 480
ctgacatagc ccagagatac aggataagca aatacccaac cctcaaattg tttcgtaatg 540
ggatgatgat gaagagagaa tacaggggtc agcgatcagt gaaagcattg gcagattaca 600
tcaggcaaca aaaaagtgac cccattcaag aaattcggga cttagcagaa atcaccactc 660
ttgatcgtag caaaagaaat atcattggat attttgagca aaaggactcg gacaactata 720
gagtttttga acgagtagcg aatattttgc atgatgactg tgccttttctt tctgcatttg 780
gggatgtttc aaaaccggaa agatatagtg gcgacaacat aatctacaaa ccaccagggc 840
attctgctcc ggatatggtg tacttgggag ctatgacaaa ttttgatgtg acttacaatt 900
ggattcaaga taaatgtgtt cctcttgtcc gagaaataac atttgaaaat ggagaggaat 960
tgacagaaga aggactgcct tttctcatal tctttcacat gaaagaagat acagaaagtt 1020
tagaaatatt ccagaatgaa gtagctcggc aattaataag tgaaaaaggt acaataaact 1080
ttttacatgc cgattgtgac aaatttagac atcctcttct gcacatacag aaaactccag 1140
cagattgtcc tgtaatcgct attgacagct ttaggcataat gtatgtgttt ggagacttca 1200
aagatgtatt aattcctgga aaactcaagc aattcgtatt tgacttacat tctggaaaac 1260
tgcacagaga attccatcat ggacctgacc caactgatac agccccagga gagcaagccc 1320
aagatgtagc aagcagtcga cctgagagct ccttcagaa actagcacc agtgaatata 1380
ggtatactct attgagggat cgagatgagc tttaaaaact tgaaaaacag tttgtaagcc 1440
tttcaacagc agcatcaacc tacgtggtgg aaatagtaaa cctatatattt cataattcta 1500
tgtgtatttt tattttgaat aaacagaaaag aaattttggg tttttaattt tttttctccc 1560
cgactcaaaa tgccattggt catttaatat tagtagcctc ttaaaaaaaaa aa 1612

```

<210> 7416

<211> 3067

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (217)...(1970)

<223> similar to gi3789797 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7416
ggactcctcc ctgaaactgc acgaggtcac ctctcctatc cccgtattcc gtttgatcc 60
ttatgccaac gtgttaggaa ggccccctct ggtgggtttt gtactgtctc tagcatttga 120
cacttaatat ttaaaccacca ccaatgaggt ggacgtccta ctcacgggac tgagtttcca 180
aacgggccag agagcagcac gtgagcattt tgcaggtgca caaagcaggg tcatcagaag 240
cctctcgatt caaaagatga taataccgaa aaacactgcc cagtgcagat gaatccttgg 300
catatgaaga aagctttcaa agtcatgaac gaattaagaa gtcaaaaattt gctgtgcat 360
gtcacaattg tggcagaaga catggaaatt tctgtcataa gattggtgct ggccgcctgt 420
agtccttatt ttcattgcat gtttacaggt gagatgagtg agagccgagc aaagagagtt 480
agaataaaaag aggtagatgg ctggaccctg aggatgctaa ttgattatgt ttacttgca 540
gaaattcagg ttacagaaga aaatgtacag gtacttctcc cagcagctgg tctcttacag 600
ttacaggatg tgaagaagac ttgttgtgaa tttttggaat cccagcttca ccctgtcaac 660
tgcttaggaa tccgggcttt tgctgatatg catgcatgta ccgaccttct gaacaaggcc 720

```

```

aacacctatg cagagcaaca ttttgcagat gttgtactta gtgaagaatt tctcaatctt 780
ggcatcgaac aagtgtgcag cttaatctca agtgacaaac ttaccatttc ttcagaagag 840
aaggtatttg aagcagtaat agcatgggtg aacctagaca aggatgtgag gcaagagttt 900
atggcccgcac tgatggaaca tgtacggtta cctttgcttc ctcggaataa tttagttcac 960
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gcaatgaagt accatttgct gccaacagag cagcgtatat taatgaagag gggccggacc 1080
cggctgagga caccatgaa ccttcccaaa ttgatgggtg tggttggggg ccaagcacca 1140
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gagttgcctt ccaggagggtg cagagcagggc atgggtctaca tggctggact tgtttttgct 1260
gttggtggct ttaatggctc attaagagtt cgcactgtag attcctacga ccctgtgaag 1320
gaccagtgga ccagcgttgc taacatgaga gaccggagaa gcactttggg agctgctgtg 1380
ttaaatggat tattatacgc tgtgggagggc tttgatggga gtacagggtt gtcatctgtg 1440
gaagcataca acataaagtc taatgagtgg tttcatgtag ctcccatgaa tacaaggagg 1500
agcagtgttg gtgtgggtgt tgttggaggt ttgctctatg ctgtaggagg ttatgatgga 1560
gcatcacgtc agtatcttag cacagtagaa tgctataatg ctacaacaaa tgagtggacc 1620
tatatagcag aaatgagcac caggcggagt ggagcaggtg ttgggtgtgt aaacaattta 1680
ttgtatgctg taggaggtca tgatggccct ttagtacgaa aaagtgttga agtatatgat 1740
cccaccacta acgcatggag acaggttgca gatatgaaca tgtgcagaag aaatgcagga 1800
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gcgtcagtag aatattataa cccaacaacc gataaatgga cagttgtgtc atcgtgtatg 1920
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ttctgcaatg agcagcagct gactgaattt tcataagaaa cttggactgc aggacttaat 2220
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tacagattat tttgtgaagg aggatgaagt aatgtgtgtt cttgtaaaat taaattttat 2340
ctttatttct tctaaaaatc tgtataccag gaactgaaaa tctttgaaca gatattaaaa 2400
tctacgtaag tatacaaact agttgagggg tacactgttt gcttttataa aataactttg 2460
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tatgtttgaa aagatgtttg aaacttgatt atactattta taattggcac agtactttga 2580
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cactttaaat gccacttctg aggaatggac ctgggtgtaac acacttgaat atgtgtgatg 2700
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tggtcatgtt ttgggtgtgta tttttaattt ttttcttaaa ttaacacttt ggcatgaaca 2820
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ttcggaattt tttctgtgtg tataaattta gctgctatta acagaagaga gaactttctg 2940
tgagtagcca tgtgtgttga tcagatacag tttttctgag atcttcaatt aatctcactt 3000
taaaaatgac caaaacatgt ctttcttgaa ttaactttga ataaaagttt gtatatcaaa 3067
aaaaaaa

```

```

<210> 7417
<211> 2366
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2104)...(1424)
<223> similar to gi3676132 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7417
tatgggctac ttgaacacaa ggactgagat actgcaacag tccatctgat aactgagatg 60
gctacaaagt gactaatgaa tgggtagtgt ctacagcaca gatatgcaga aaaaagataa 120
aaacctgatt aatcttcttc aaagattatt ctgcaaacca gtcatcact gggcactttc 180
caaatgagca ttttttctt ttttaatttca gcagggatct gtaaactatt ctttacctgt 240
acatacagag atccaaggag aaacaatcca atcatttgca taccagaaa aaatgagaac 300
actgtttttg tagatgcatg tatcacactt attttgcatt tagtttaatt ggattgcaa 360
ttttgttctt tagaatttgg gctctacaaa ggttacatcc tattaataag gctcaatatt 420
tacctgttca agactacttt tacatgtaat tataacttgc cataaatgaa aatctaagaa 480
gctcttgagt atgggttatga cttttattaa tcatacttgc tgttattccc aaacttctca 540
atgttacatg aataactaac cttgggtttt tataaaatat ggactaaagt aaattttacc 600
tacagggtgcc tctctccttc attgggtgat taaaatttca cgtttgagac taaacttcat 660
tgaaactact gcaagcatgt gtatgataga ccaatttagc ttagtatctg gcattgtggc 720
cagaaaaaaa aaaaaatcgg ttctacaaa atctcttggg caacacttaa gccattggaa 780
gaggccca tgaatccagg tctactttcc tttacaggta gattccagaa caacaacaaa 840
aaatgtaaga ctacaagaaa tgatttaata tgataaaact cccatttcaa aaccagttc 900
taaaggattt actgactaat gctgattatt tagtcatgga aaatgtctct cataaaagtg 960
ctcctaacaa aacatgatct acaataattt ataaaatgtg aagggttggg atgtgcagac 1020
tgattgggtgc acgtcaggtt gtttctctta aataagggtat aaaaaactat gatatcatag 1080
tcttttgact ttattttctg agataaaaaa gtataggcat aggtgttttt aatagtcttc 1140
ttgatgatat cttttagaat aatctatcaa atggcttctt tcatgtttcc tgattatcag 1200
cattcatcag tgttactgtc agccttgatt aagtgggtga aaatttcaga gaagaataag 1260
caacttctgt gaacctttcc ccaatccctg agaatacata tcattacaga aatattttat 1320
cctttcatca aatatctctg gaaagtagcc gtgttcgttc attgttaata gggcaagggtg 1380
cagtgtcata gaggggttaat ccattgtaaat tggcttcacac ccgtaaagaa attttctgaa 1440
aatcacgaat gtaagtcagg aaaaaaccaa agaaggaaaa tgacatagac cattctgctg 1500
cagtagtgat catgtgaagc acataacctt tgtcctcggg gttccaatgg agtttctgtt 1560
ctaaatcagt cccaaaattg ccactgtgca aaactgatga gcaagtcagc atgctaagt 1620
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ttttgggtcg catttggtag gaaaggatgg tctgaacaaa catatataat gagcccat 1740
caaaggtaag cacagctcca cttacatgtg cagcaaaaag ggttgttttc tggaagttt 1800
ccacaataga aagtcctaaa caactcagta ttccaagtac aaggccagcc ttgtttaatt 1860
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aactgaggcc ttgctgaaac caccacattt ctaacagggt ttctgtttta caacttcaca 2160
aaatgttagt cttcagacct gctcatacct gcaccttttg taaatccaga ggaattaatt 2220
agaccgctga ttttctccgg aagcgcgag cactaggccg tttgaggatc tccgctccgc 2280
tttgccctgg accaggaaaa gacgcgagag acggaactcg gcatcaggca ctgcttgggg 2340
caggaggaga gtaggggaaa cttacc 2366

```

```

<210> 7418
<211> 1770
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1771)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (1533)...(327)
 <223> similar to gil707049 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7418
 tttttttttt ttacctttta agagaaatgt aaaactcagt ttaatttcaa gtttgtatag 60
 agaatgtatg ccacagtttg ttttttataa acacaaccta tcttattata aatacaaaat 120
 aagaaaaagt gatacgttag ctgttatgaa gggtgaaaac attatataaa cttcaaaagg 180
 ctgctttctg catctgcatc tatgtaattt catggttctc taccaatttc atttacagaa 240
 ataatctcta tagtcaaatt attgttcaact ttcattgcccc aacatgggaa gtggtagggtg 300
 aatatctgta ggaatacaat ttattgtctg ctctccact cagaagtagc cctgtgtctg 360
 tccagtctac actcagaact ttgtcttcat gagcagccag atcatagaga ggagccttac 420
 aacttcttgt atcccacagc ttaacaatgt tatctaaaga tcctgaaatc agctgctgtt 480
 catgggtagg agaccatttt actgatgtca cccaaccagt atgtgacgtt agggacagcg 540
 acaccaaaga accatcttta gttcggggat cccacagtct gatatgccta tctgtgcttc 600
 cagatgctaa acgttttaaa agtgagaaat aggaaataca attaaacact ttatttcctg 660
 tcaaagttga cttaagactg ccagactcaa catcccacac tctaattgta tgggtcccaag 720
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 cagagagggg cactatggga gtccttgtaa gtcccaactg ttctgtcttc tgtttctttc 840
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 tagaatctac acttccagca tgacctctac agcagtgtag ggctttcact ttgtttctct 1020
 ctacattcca ctcccataag agaatagtct gatccataga agcactcaat aataagcagg 1080
 acaaactatc ttttttcacc caggccacat cttttacaac atccgtatgt cccacaattg 1140
 tcattattga ctttccttcc aaggaccaga tccgagaagt cttatcataa gaaccagtca 1200
 agatccattc ctctgcccct ttaattgaac tgatccagtc atcatggaac atgcattgct 1260
 ctggctgggg tgcagtatac ttctccacgt attctatttc cacaacttct tctgatgaga 1320
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 aatcaaactc cacatgtttg tggaaactcat ttttgcctt tagtagttta ttgatgatgt 1440
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 atttcttggt atcagtgtag aagcgtgttt ggagctgagc catggcgagg agtacacacg 1560
 acttgccac ggaaacgtac ggggttagcag acccacaaca cgaagctcct gccttttaag 1620
 actacaaaga ggcagctcaa aattagactg cacaggtaag cgaggaaactg cagtctaagc 1680
 ctggactctg ccttctgccc tccggtctcc tctgcagaaa gcacgaggtt gcccttctac 1740
 agacgacgaa atgtggnctt gcgcagcctc 1770

<210> 7419
 <211> 4656
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2945)...(2048)
 <223> similar to gi5262665 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7419

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gttcataact	tgcccaaaaa	tgtgcatatc	atagccaaca	gagtttttct	gtagaatfff	180
atfffgaaaa	tatttcactt	caagattgat	ctaaaaaaca	ttttaagata	tgaaaatggt	240
atacaactta	tctattacaa	attaatcaga	taattctgca	attaggtaca	ctgtgttagc	300
tcgcctacat	aaaaaatatt	gcacattfita	ttttgtctcc	agatgtgatc	gatgtctaaa	360
ctatatagaa	tttcaaacta	ttttaaagtt	attctgtgaa	atgtcatctt	tataaatatc	420
agaactaaat	gcactgtaaa	cagccatttt	ggtaaacatg	catttattca	cagttgattt	480
atttccttta	gataaatgtg	taactgctca	aaattatata	ataatctatg	tagaggtaaa	540
agagcacact	atacaaatct	atttctatct	tcatgttgag	gaaacactga	tcttggaata	600
aatctggcat	gattttttaa	atgaactatt	gctggtaaga	aggcatactt	taaaactfff	660
ctgtggcctg	cacctgtfff	ctttttaaat	taaaatgtaa	aagcatttgt	tttcagagat	720
tcattttatca	ctgagtaagt	gattacataa	aaaaatggac	cctaaagcaa	ctgagttaaa	780
atgcttttgag	agccccattc	tacttgtaag	ttatcaatgc	cttaaaactgt	tagaccactc	840
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caaacctgca	taatacagca	ttcctccatt	gatttgaggt	catattatac	tttaaaaaata	960
taaataaata	tattgaatca	tgagtcttat	ttctataacc	ccaaaaagtg	tttcaaaatg	1020
ctttcaaaac	agaagtgggt	gactgtagaa	tatagttcca	gacttgacta	ttactgtcaa	1080
acacaatcgt	tcctttacaaa	taactctact	ggtgcactgg	cttgattgat	tccagcaatt	1140
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caaaatagga	agaaaagttt	agaaaagttgt	caaatacttc	caaatgaaaa	gtaaaaggtct	1260
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acatcacagt	acattcaaga	ataattttaa	gaacattaca	gctgaaagag	aatggcatgt	1560
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tttcaacttt	gaataaattc	agtcaatttt	ttttaaaaaat	cagacaaaaat	actttaaaaa	2040
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ctccaaaaag cttcctgttt ttgccggatt cgatgccgta attcttcatc atcagtgtca 3240
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agtccaccga gtccagttag ggaagccagt gcactggact gtgccagctg ttttgcagga 3360
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gtagacatat cttgtccatt tggcatcatt cctggtggtt gttctaccat gctttgctgt 4320
cctgaagctt ctctttgggc aatccaagct tgggccaatg cagcccaatc aatctggctt 4380
ggatcctgtt ggtgctggaa tgactgcac cattgttgct ggttcaagg ccactgctgc 4440
caaggtgtc ctcttgatc ccacatccct tcttttaaaa tatacttgat tttctatctc 4500
agaggttcac cttctgttta aaacttaggt tgattcagac tacagcttcg aagcatagca 4560
gcaagattat gtatgcccc ctctagtctg ggaacaccct tgtcgccgcc gttccggtaa 4620
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<210> 7420

<211> 2731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (113)...(732)

<223> similar to gi5578990 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7420

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ccgaatcccg ggcaccacgc gtccggcctc gcgtcctgc tgatgcggta gctgcttttc 60
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ccccagcaag caggacatct tgaccatctt caagcgccct cgctcgggtc ccactaacia 180
ggtgtgtttt gattgtggtg ccaaaaatcc cagctgggca agcataacct atggagtgtt 240
cctttgcatt gattgctcag ggtcccaccg gtcaattggt gttcacttga gttttattcg 300
atctacagag ttggattcca actggtcatg gtttcagttg cgatgcatgc aagtcggagg 360
aaacgctagt gcatcttctt tttttcatca acatgggtgt tccaccaatg acaccaatgc 420
caagtacaac agtcgtgctg ctcaactcta tagggagaaa atcaaatcgc tcgcctctca 480
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agcgtgggca tcagcaatag cagaaccatc ttctttaaca tcaaggcctg tggaaaccac 660
tttgaaaaat aatgaagggtg gacaagagca aggaccaagt gtggaaggtc ttaatgtacc 720

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aacaaaggct acttttagagg tatcctctat cataaaaaag aaaccaaadc aagctaaaaa 780
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cagaaattac cgaatgtgta taaacaaata aagaaaaata atttagctgt gttttagaca 2580
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tagaataaac acttcgacga gaaaaaaa a 2731

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<210> 7421
 <211> 2981
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (899)...(1426)
 <223> similar to gi3184113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7421
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caaccacctg gccgagaagt gggttccggg ccagcgcgag cggggccggg cggccggcag 120
gctcggggag ctactgcacc aagggggcgt aacgggaagc cctggcgggc gcctgcgagg 180

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cgctgcgagc	agaaacccag	tgacttgatt	gtaaaaattt	acagagcgga	atcatatgct	240
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gattggcctg	aggtctactt	caggaaagga	aaagtactct	ggcgatgctg	gttttttagg	360
tgatgcctta	caactctttc	ttcagtgcct	agcccttgat	gaagattttg	cacctgcaaa	420
gctgcaagta	caaaagattt	tatgtgattt	attattacct	gaaaacttaa	aagaaggcct	480
gaaggaaatct	tcctggagtt	cattaccatg	tactaaaaac	agaccttttg	attttcattc	540
agtgatggaa	gagtctcagt	ctctcaatga	acctagccca	aagcagagtg	aagaaatacc	600
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aaattcaaca	gaaatgcctg	ccagagagga	ctgtttaaaa	agagtgtcct	cagaacctgt	720
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<210> 7422
 <211> 2831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (220)...(744)
 <223> similar to gi2894532 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7422

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gagtgcctcc	ggatgctaga	ctctggggcc	gattatctgc	acctggacgt	aatggacggg	180
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acagtggaac	cggggtttgg	agggcagaaa	ttcatggaag	atatgatgcc	aaaggttcac	540
tgggtgagga	cccagttccc	atctttggat	atagaggctg	atgggtggagt	aggtcctgac	600
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gaacgttaaa	taatgctgtt	gtgttagctc	tgagtagaaa	ggaaaaagta	aaacctctgt	1440
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09433725.012100

attttaattt c

2831

<210> 7423
<211> 5352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (159)...(1857)
<223> similar to gi4589592 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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acactcggaa	ggcggtgcca	cagagcttgg	agctgaaagg	aataacaaaa	catgctctta	180
accatcatcc	ccctccagag	aagctggagg	aaatttcccc	caccagtgc	agtcgatgaga	240
aagacacaag	ttcccaaagc	aagtctgaca	tcacaagaga	atcatctttt	acatcagccg	300
acactgggaa	ttcactgtct	gcttttccaa	gttatacagg	cgcagggata	tctactgaag	360
gaagctcggg	cttctcctgg	ggatatgggt	aactcgatca	aaatgccact	gaaaaagtcc	420
agacaatggt	cacagccatt	gatgaactct	tgtatgagca	gaagttgagt	gtgcatacca	480
agagtctaca	agaagagtgc	caacagtggg	cagctagctt	tcctcacctc	aggattctag	540
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taattgagga	atacctagca	ttcgatcaca	tagatataga	agaggggattt	catgggaaga	840
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<210> 7424
 <211> 1731
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1208)...(614)
 <223> similar to gi3879344 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 <212> DNA
 <213> Homo sapiens

 <220>

<400> 7426

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<210> 7427

<211> 2380

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2215)...(1248)

<223> similar to gi3327176 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7427

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<210> 7428

<211> 5517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (519)...(1815)

<223> similar to gi2130632 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gcttagatgt	tgtaatgagg	ttagctttgc	ttcataaaa	aggggccctc	agaagttctc	3300
cttaaatttt	tcaataaaaa	tttagctctt	aaaaaaataa	cagtgtgact	gagtgaatga	3360
agataagttg	gattctttca	gagcattctt	ttcctcaaaa	cgagctgcat	aattcttgga	

```

atztatgtct taccacatgg tggagggatg gaggaactac aggatgcaat tcttcttcta 3420
ccaatgggca atagagggtg agagagattc agcatctttc tgggattaga attcaagtct 3480
ctttactcct acagcagctg tgtctccaac gttgagactt tgcagatggc acagactcca 3540
tggataatag gtaaacttgg ggccggggcg agtggtcac gcctgtaatc ccagtatttt 3600
gggaggccga ggtggaaaga tgccttgagc ccaggagttc aagaccagcc tgggctacat 3660
gacgaaactc catctctatc aaaaatacaa aaaattaact aggtgtggtg ctgcacgcct 3720
gtggtcccag ctattcagga ggctgaggtg ggaggatcat ttgagcccag aggtagaggc 3780
tgcagtgagc catgatcatg cactgcact ctgggctggg taacagagtg agatcctgtc 3840
tcaaaaatta attaattaat taattaaaat aaactaggta aacttgata ggcagtagat 3900
atTTTTgccc acctgaggag gaactcagtc aagctgttgc ttaacagctt gatccagggc 3960
gtgaaagggt agttgagact gaagtgttca cttccataga agaacatcac ttttaacctt 4020
gctttggcga agggagtcgg aaagctgagt ctctatggac ggggggggtga tcttgctttc 4080
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tgttcttgtc cctgccaacc cccaccccc ataactctgac tcacaacttc accatcagtt 4260
ggggtcatac cactagtctc tgtcctatac cccatgaaat gtaaatactg tatcataagt 4320
agaagaaaaa aatttttgtt ttctaaaaat gcattttgag atagttaat gtaaacttga 4380
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tgtctaaaga tcagaaatcg ctgagcaaac ccgcttttgt ttcttccca gaaacaatgc 4500
aaaacaacag gtggagatag tctggtcttt gccctgctgt gtgtgcctct gtagctcctc 4560
ctgacaaacg tctgggaaaa cagcctcacc ccactctcct ctctcttccc catttcttg 4620
tagctttatt ccttgcatct ttgggtctac tgagcagtgg gtgctgaggt gacaggggag 4680
gaaccagttg ttctgtagcc taggaactgc ctgagtgctt ttgccagaaa aaggcaaaga 4740
ggcggacagt gcagggctcc tccctcctac ctgagggctg atccatcgtg cccttgactt 4800
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tgataagagt ggaggaggaa tgccttctcc taagagtcag ttgaaagaaa gacaagagag 4920
tcacatctta gcttttgac aaggcattcg tggtcaggaa taggttaggg aatggtcact 4980
tctgattttc caacagttgc tccttctctg aagagatctt gattcctttg ggaagacaag 5040
aatttttctt aataacaaag gtccctttat gagttattcc ttctttcagt tcatctcact 5100
ggagcacagc caagatggac atgtttatgg acagtgtct agatgtgaaa acagatagaa 5160
ctggtttgtg ggacaggggc agcttgctca ggagagggaa taacgcaggt cccttttctt 5220
ggaaggcttg tactatggcc atgacagtga cattgccctc accatgatcc ctctccaaag 5280
tggttgtctt tctttacctt gtgtcttctc ttgtaaaaat gaaactcaaa aataaaataa 5340
atgtgtcaaa ttttgaaaaa aaaagaaaaa tgaaaaagct aacatgaatt gtgtgaaatt 5400
gcataatgct gtaatgctaa tctacaatat gtaatgctat cttgtatgtt gaatttgtaa 5460
atgcaccaca caagtgcaaa ataaagactg attcacatta cataggcaaa aaaaaaa 5517

```

<210> 7429
 <211> 928
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (839)...(145)
 <223> similar to gi2393722 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7429
 tttttttttt ttctgtttt cattttattg ggaacttcaa agaaaagaaa gagagacgga 60

ttggttccca	agacaagccg	tgacgtagac	tccaacaag	ctggggaatt	ctggacagcg	120
aaggggtgga	cagtgagact	cagcacagcc	caaagtcaaa	ggcattaggg	ttgttctgaa	180
aatagagatt	caagaagccc	tggaaaatgc	tcttatccat	gagaagagca	cagactgtgg	240
ggtcccactt	catggctgat	atccagagcc	gcagggtggt	cgtgtggctc	acacagtcca	300
gtatcccata	cacatccagc	cgctcaaacc	agggccagag	gaggtaatca	atcatggata	360
tacagggttc	accaaagaag	gtggtgttct	gatactcaag	aatctcttcc	aggttgctga	420
attcctgacg	cagggctgcc	ttcagattag	tgcattctct	cccacatctc	aacgctacca	480
ggcactcctt	ggtcaaagt	gggaccttac	aaaatagctc	caataacatc	ttttggcgag	540
ctcgttcata	agggtcatat	ggaaacagct	tccttcctgg	ataagcatca	tccaggtact	600
cacaagcaat	aacagattca	tagatcagtt	gacattggct	ggtctccagg	acaggaatgt	660
ggccaaaagg	gtgctttgta	tagtaccatt	caggcttggt	tctcaggtta	atgttgacca	720
cttcatgtct	gatgtctttg	gccttgagga	cgaggcgggt	cctgtgagaa	taggggcaga	780
acctcatgct	gtagatgcgg	atcagcccct	ccgggactgg	ccctgggggc	tggtctcctg	840
cagagcagcg	atggaggggg	acagggaaa	gagaggctag	cggacgcgtg	ggtcggcccc	900
ggaaaacggg	tccaaccgag	ggcgtcaa				928

<210> 7430
 <211> 2812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2076)...(617)
 <223> similar to gi3970876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7430						
tttttttttt	ttgaacttgc	tcagaatttt	attgggatta	acaggggtcca	cgggggagagg	60
cgagccttct	gggggacggg	gacaagaata	ccgcaaagaa	taccgcaatg	gcgaagcggc	120
cttgcataga	caccgagggc	ggctagcggc	gcggcgggaa	gaggagaggg	atggagaaaag	180
aacttgggag	aggaaggtgg	cagcagcgcc	tccatgggca	ctgcgcggct	gtgacgaagg	240
ccacagcggc	cctccccgct	tcgggggtca	gggtgtccac	tccacacagc	acagggagag	300
gggctggggc	cacaactgac	tgggagaagt	gggtagaggg	gccctgacca	aggcatcaca	360
ataaatacag	ttagcagcac	acagaagcct	gcggggggcg	agggccaaaa	gaaggggact	420
agcccccttt	ccctcccccc	aaaataagaa	ctctgcaatg	actaaacat	aaaaataaac	480
tttaaaccgg	tgtacgaagt	cggtcacccc	ccagaagtgc	aatgtggggc	cgctgtggccc	540
tagctgagga	ggagggcaaa	tgggatatgt	gggtggggat	acagagaggt	gatccccaaa	600
aggggaaaac	ccttatccgg	ttttccccct	cttccccgga	ttggcccaac	cgtttgggac	660
ctgaagcaca	tcctctaggt	cagagtcgtc	cgaatcttcc	ccttcttccc	agacatcttc	720
acttccttcc	tcctcatagt	ttccttcttc	atagatgtcc	tcatcttgct	ggatgccttc	780
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agcctgatcc	ttgtcaaagt	cttcaataac	tttctcatag	tactcaatgt	ctctgtcgtc	900
atcatcgctg	ccttcattgt	caccttcatt	gccatcatca	tactgcccct	cattgtcacc	960
ttcgttgcca	tcattatctt	catcatcact	ggcctcatct	gcttcattgt	cactgtcgct	1020
gctgtcctgg	ttgttgccat	ggctgcccc	gaagccacct	ttgaagaagt	tgttgccgta	1080
agtgttctcg	ttgttgtag	ggttctcttc	gttgctatca	gtgttcttgt	tattgtcttc	1140
aggattctcg	ttgttgcat	ctgcactctc	attgttgta	gtggtttcgt	ggatcatcagc	1200
actctcgttg	ttatcagtg	tctcgttgtt	ggggacctca	ttgtggtcag	gattctcgct	1260
gtcgcagatg	ttctcattga	tgtcagttat	ctcattgtca	gtgtgtctga	agtagtcggt	1320

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ggtctccatg aagtcagaga tcttgatgtc atgaattgtc tcatcaatgt ctgagatctc 1380
gctgaaaatg tcttccactg cataatagtc aggggcgtct tccatgatca ccacctcaca 1440
tctgcccctg gttttacgtt tcttcatttc ttgcttcttt ctctttatcc tggagcccct 1500
ttctctcagg tagtagcgta gagggttaac ccacagatca ttcttgataa tctcagcaat 1560
cctgtcagcc tctgggaggg tatggtttga gaaccagctg aaaaagctgt ggctcgcac 1620
ctggttcccg tgacgacggg cctgggggttc ctggccccgg tgccagcgga ttggggttga 1680
gtgagacacc agccggcctg agcggttgcg ctggaactcc ttgacaatca ccatgtttgt 1740
gaagtagggg ttagtctgga agtacagctt cattttgtag cccatggaga tatgtctgag 1800
atcctgtacc tgcagattgg tcaagtagcg gaaaatgtct tcatcacgtc ggttgatcaa 1860
aattgaaatt ctggggtggt tgaggaatgc tttgaccag aagcctggga tatgctggat 1920
gatgaggtct ctgcgtcca ggaagggtct tcgcactctg atgaacttgc gcttgagacg 1980
caggaaggct ttgcctgcct tgatgttcac tgccctcaga tccagctgaa taccctccag 2040
tgccctgcagg atgctctcca tccctctcggc atttctctct ctgctttccc tcttcacctt 2100
cctctgcttc ctctccggcc gccgcgcgcg cctcctgctg ctctcatac tctcccgctc 2160
atcctcatcc tcactctcca ctatgatgat cgcctcttcc ttgctcttct ggtcaactaa 2220
cctctggggc gccacccca ctgcgctaca ggtttctagg gccccctctc caccaaaact 2280
gctcgactgt acaacctgaa aatcgatttc caggctcccc cccgaggcct caggagtggg 2340
gagtgtcttc aggcctctccg tgggcggggg cgctcccca tacccgact cgatggtaga 2400
atcccagccg ggacactcag caccgagcgt gaagtatgcg cggatcccc cctcctcgag 2460
aatgacatag ggaggcggcg ggggcagcgc ggggccagt cccaccccc tcatatcggc 2520
cagcacctgt gccgcctccg tttcctcctg gagcctcggg cgctgctggg gtggaggcag 2580
cggcagtcgg aggagcggcg gcggcgcgcg cggcgggggc gggtcgcgct gtggagactc 2640
ggagctgctc aggcggcggg tcttgcccg aggccctca tctgggcggg ccatggcgac 2700
cgcgttcgta cagctcaggg gactcgact cgccccctcg cttttagccg cgtcgctgcc 2760
gctagtcgca ccggttaagca gagctgagga gactcacgac gaaatcgctc ac 2812

```

<210> 7431

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(864)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (264)...(500)

<223> similar to gi200497 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7431

```

gaggcggcag cgagctagag cccgagtcgc agctccgggc cgcagagcgc tgggcgagcg 60
cgagcgccag ggcaccggca gggcaggcag ctgcgcgcgg ctggagtcac gctatactga 120
aaagacactt catcaagata actctgggag aagcagaaaa cctgtgcca gggacaggaa 180
agataggaga aagaaagttt atcagaattt tttaaacctg tctcagaaat aacaacatat 240
ttaatcaga gatttatgtt gctatgagga cagattcatc aaaaatgact gacgtggagt 300
ctggggtcgc caattttgca tcttcagcaa gggcaggccg ccggaatgcc ttaccagaca 360
tccagagttc agctgccaca gacggaacct cagatttgcc cctcaaactg gaggctctct 420

```

```

ccgtgaagga agatgcaaaa gagaaagatg aaaaaacaac acaagaccaa ttggaaaagc 480
ctcaaaatga agaaaaatga aggctcataa tctatcaaga gtgctgaatt tctgcatgtt 540
gaaagactta gtggttctgt tttcttgaga catttaatct ggtggtaact gtggtaacat 600
tgagcccta agcagcatgt gtatattaga taattgtgtt gtgatgctac tcactttgat 660
tgcaatgatg atgtccaagg taagctatta aaagggcagg ttacttccaa atcgactggt 720
aagggaagag gttaaggatt aatacatgat cacagaaatg cataccactg ttctgtaaaa 780
ccccaaccaa aattcactgt ttctcttttg ggggatttat tttaggcccc gatggtattt 840
ttttaatttn ccattttttt tgg 863

```

```

<210> 7432
<211> 1871
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (171)...(1700)
<223> similar to gi3947678 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7432
cccacgcgtc cgcgcagagg cacgctgttg ccatggcagt gtggtcctgg ctgccgcgga 60
ggcaggtgcc ggggtctcct ttgcctcaat gtgaagagct taaaaagagg aggagaggag 120
aactcccccg gccatctctg tgatcccagc cgccgcattt tacacagaaa atgaatgaaa 180
ataaagatac tgattcaaaag aaaagtgaag aatacgaaga tgactttgaa aaggacctgg 240
agtggttaat taatgaaaat gaaaaaagtg atgccagcat aatagagatg gcttgtgaga 300
aggaagagaa tattaaccaa gacttaaaag agaatgagac agtaatggag cacaccaaac 360
ggcattctga tcttgacaaa tctttgcagg atgaggtctc accaagaaga aatgacatca 420
tttctgtacc aggtattcaa cctttggatc ccatatcaga ttcagatagt gaaaactctt 480
tccaggaatc caaactagaa agccagaaaag acttgaggga ggaagaggat gaggaagtaa 540
ggagatatat tatggagaaa attgtacaag ctaacaagct tctacagaat caagaaccgg 600
tgaatgataa aaggggagcga aaacttaagt tcaaggacca gttagttgat ttggaagttc 660
ctccactaga agacactact acttctaaaa attattttga aaacgaaaagg aatatgtttg 720
ggaaactgtc acaattatgt atttccaatg attttggaca agaagatgtg ctctgtcac 780
ttactaatgg aagctgtgaa gaaaacaagg ataggacaat actggtagag agagatggaa 840
aatttgaact tctgaattta caagacattg ccagtcaggg gtttttgcct cccattaata 900
atgcaaatac tacagaaaat gaccctcagc agttgttacc cagatcttcc aactcctctg 960
tcagtggcac caagaaagaa gattctacag caaagattca tgctgtcact cactcatcaa 1020
caggagagcc gctggcttat atcgctcagc caccactcaa ccgcaagact tgtccaagct 1080
ctgctgtcaa ctcagatcga agtaaaaggga atgggaaatc taatcacagg acacagtctg 1140
cacatatctc accagtgact tcaacatact gtctttcccc tcgacagaaa gaactacaaa 1200
aacaactaga agaaaagaga gaaaaactga aaagagagga agagcgacga aaaatagaag 1260
aagagaaaga aaaaaagaga gagaatgaca tagtatttaa agcgtggttg caaaagaaaa 1320
gagagcaggt cttagaaatg aggagaattc agcagacaaa ggaaattgaa gacatgaaca 1380
gtagacagga aaacagagat ccacaacaag cttttcgatt atggcttaaa aaaaagcacg 1440
aagagcagat gaaagaaaga cagacagaag aactaagaaa gcaagaggaa tgtttattct 1500
tccttaaaag aacagaaggc cgggaaaggg cctttaaaca atggttaaga aggaaacgga 1560
tggaaaaaat ggagagcaa caagctgtca gagagagaac tagacagctc cgactagaag 1620
ctaagcgttc taaacagtta cagcaccacc tatatatgtc agaagccaaa ctttttcgtt 1680
ttactgatca ttataactga aagtttctat taaatatttc agtgggcagc tgctatcaaa 1740

```

```

atttttgata tgatttctta gggctctgtgt acttttggtt tattctaaat tatggaaatg 1800
gtatttatct tttattgaca gtgaatttgt ttttttaata ctagaacaaa ataaattttt 1860
ttctcacagt g 1871

```

```

<210> 7433
<211> 1093
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (722)...(553)
<223> similar to gill184696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

0048725 012100

```

<400> 7433
tttttttttt ttagagttat acatttttatt tgagcttcat ctctttggag aaaggggaac 60
agggatgaga ggattaagtt agagatgggtc tggcacaaag cccagagatg tggggtgtgt 120
gaagaaggaa attcatgact agaatatatg ctgaagggtga aatgagggga gcctggatag 180
ggaattcaga gataattggt ggcatttagt aatgtgattt gggagtatga tcccagccgc 240
agagcaatgg aagaaggctg gcaggtagta ggagtcacag tcaggaagga agtactgcta 300
gttcgtatcc agtctaggtc tctgggacaa ttgacccctt tttgggtagg aggatttgcc 360
agcattatct gaccccttat ttctagttca tctcctagac atcttcattg ctgttgccct 420
ctggtgagta tgaatccata ggatggcgtc tctctccac tgaccatgtc cgagtctgag 480
tctgagactg ggtggaagcc atagacggat gatacatagg ccagtaacgc tgctgaggaa 540
aagtgtgagc tcttggccta gatttgggggt tgggctccat ctgaggctca gtctcaggct 600
ggggctccat ctcggtctgg gtcttgggtc cggctccagc cttgggctcc atttcaggct 660
ccagctcccg atccaggctc aggtccagac ccagcccagc ctcttgttct gattccagct 720
ccaaatccaa ctccgactcc tcttctacag gctgttggtt cttgatgaag cctggactta 780
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ctgtttctga gtaggtttcc cgtatcactg tctcggattc atcgatgctt aactcagagg 900
agcctatgac cttccttgac aaggcaaaac gcacggcgtc gtgaacgctg aggaacagct 960
gggtcttggt gatgccagcg tcaaagaaat cattcctctc aaatgccctg actatggaag 1020
agtgcacccc tgcaatgagt atcaaaatgt tggcggtttg aaaggcattg catatccgtc 1080
ttaatacgac taa 1093

```

```

<210> 7434
<211> 1999
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1074)...(1219)
<223> similar to gi3335367 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7434
cttagtccgg ccgctcgcga tctagaactg aggtcggcag tgtgaggagc tgctatggtg      60
ctgagtttcc tggtagagcc ggccgagctg aggcggctgc ggccatgaag gcgggtgcca      120
cgtctatgtg ggcttcgtgc tgtgggctgc tgaatgaagt catgggaact ggagctgtca      180
ggggccagca gtcagcattt gcaggagcca ccggtccatt cagatttaca ccaaaccctg      240
agttttccac ctaccaccca gcagctacgg aagggcccaa catagtttgt aaagcctgtg      300
ggctttcatt ttcagtcttt aaaaagaagc atgtttgctg tgactgcaag aaggattttt      360
gctccgtttg ttcagtctta caagaaaatc tccgtagatg ttctacttgt cacttattac      420
aagagacagc atttcagcgc cctcagttaa tgcgactgaa ggtgaaggac ctgcggcagt      480
atctcattct gagaaatata cccatagata cttgtcgtga gaaagaagac ttggtggatc      540
tagtactgtg ccatcatgga ctaggctctg aggacgacat ggacacaagc agtctgaatt      600
cttcaaggtc ccagacttct agctttttta cacgttcgtt tttttcaaac tatacagccc      660
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ctggagtgcc ggacacagta caaagtgaag tcacttcagc aaacacagaa gatgatgatg      780
acgacgatga tgaggatgat gatgatgaag aagaaaacgc agaggatcgg aaccccgggc      840
tctccaagga gagagtgaga gcttcactgt ctgacttgct aagccttgat gatgtggaag      900
gaatgagcgt gcgccagctg aaggaaattc tggctcggaa ttttgtcaac tattctggct      960
gttgtgaaaa atgggaactg gtagagaaaag taaaccgggt atacaaagag aatgaagaaa     1020
accaaagtc ctatggcgag cggctgcagc tgcaggatga ggaagacgac agcctgtgtc     1080
gcatctgcat ggatgccgtc atcgactgtg tcctactgga gtgtgggcac atggttacct     1140
gcaccaagtg cggcaagcgc atgagtgagt gtcccatctg ccggcagtat gtggtgagag     1200
ccgtgcacgt gttcaagtcc tgaacacaggc tccccctacc aggacagtca ccccaaact     1260
tgaccccaa catttcaatg cacagaaggg actggaaagt tatgttcaaa ggctgaagct     1320
attttaaaac attattttga ctactaagtg gggacagaaa gatccatcct gagttgtgga     1380
aacattggtc catgccgtga gcctgtctgc ctgtggacac gtgagcttcc cgggctcagc     1440
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catcagccac tgctgtcttg ggaggacact tatcctgttc tcttatttcc ccttcatcct     1560
atttttaact taaactgctc agatgtttga aacttctgtc ctctttggat gagatcagtg     1620
tccacaagtg gccgacatgg aacatgctga gcagtggctc ctctgaatgt tcactttatt     1680
agtcattgta attttaaatg ctaacatttg atgaatgtaa gtttccacat tgttgctgtt     1740
tctgcattta aacataattg ggaacaactg acattctcta gtcgactgcc agggccttag     1800
actccacatg tccatttttg ttcagggtata gctttttata gcaagggctg catctagctt     1860
cttttattag aagtgtgtgt gctaaattcc ttattaatgt gtaatcagtt tacattgttt     1920
tgtatagtga aggtgtattt tcagtgtctac ccgctagctg attttaactt taggaataaa     1980
attagtttta aaaaaaaaaa

```

```

<210> 7435
<211> 1847
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (727)...(1200)
<223> similar to gil335017 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

[illegible]

```
<210> 7436
<211> 1113
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (526)...(973)
<223> similar to gi2245026 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7436						
tttttttttag	ggtatgatgt	tttttttttt	taccatcag	ttttgaaaaa	gttaattaca		60
tttggaact	ccccattccc	ttatagtga	gggtctcaag	agctggctcc	tacacataaa		120
gggcttaaaa	cagtggctgg	tacctaggcc	accaatagtc	ttttgcccc	cccaaccggt		180
qacacagccc	ggggccccgc	cgccccctgg	cggccattac	ggatttcgc	ctccctcaca		240

```

gaaggcagtc actgcaacgt gcgtggcctc agttgcgtca tatccggccc ttgcgatcag 300
ggcttgagga acccgcgcca tgaagtgcgt gtttgttacc gtagggacca ccagctttga 360
cgacctcatt gcgtgtgtgt cggcgccga cagtctgcaa gtgagtgagg gaggcgagca 420
ggcggcggtc tggctcgcca cccgccatct ccggccatac tgccagccgc gttagccttg 480
cctgaccgtc gcgctcgga aaaaaccccc gcaactctac cacagaaaat cgagagcctt 540
ggttacaacc gacttatcct gcaaattggt agaggacgg tggtagctga acccttcagt 600
actgagtcgt ttactctgga tgtttacagg tacaaggatt ccttgaaaga agacattcag 660
aaagcagatc ttgttattag tcacgcaggt gcaggaaagt gtttgagagc tctggaaaaa 720
ggaaagccac tcgtagtggg tataaacgaa aagttgatga acaatcatca gctggaactg 780
gcaaagcagc tagcacaag aggggtcatct cttctattgt acctgcagtt cttccttgag 840
aactagaag cttgcaaaag ggccagcacg cttcctgggc tgttacagtc aatggactta 900
tcaacactga aatgttatcc tcctggccag ccagaaaaat tttctgcatt tttggataaa 960
gttggttgat taaaaaata aactactaac tctcaacact ttaaaagcaa ccccaaat 1020
caacctatgt aatgtgatta aatcaaatta aatacataat atatatttac aaaataatat 1080
aattaataaa cttcctacat ctatagaaaa aaa 1113

```

```

<210> 7437
<211> 2608
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (115)...(746)
<223> similar to gil651199 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7437
cagagggctg ccgcccctc tccaagttct tgtggccccc gcggtgcgga gtatggggcg 60
ctgatggcca tggagggcta ctggcgcttc ctggcgctgc tggggtcggc actgctcgtc 120
ggcttctctgt cgggtatctt cgcctcctgc tgggtcctcc actaccgaga ggggcttggc 180
tgggatggga gcgcactaga gttaaactgg caccagtgct tcatggtcac cggcttcgtc 240
ttcatccagg gcatcgccat catcgtctac agactgccgt ggacctggaa atgcagcaag 300
ctcctgatga aatccatcca tgcagggtta aatgcagttg ctgccattct tgcaattatc 360
tctgtggtgg ccgtgtttga gaaccacaat gttaacaata tagccaatat gtacagtctg 420
cacagctggg ttggactgat agctgtcata tgcattttgt tacagcttct ttcaggtttt 480
tcagtctttc tgcttccatg ggctccgctt tctctccgag catttctcat gccatacat 540
gtttattctg gaattgtcat ctttggaaac gtgattgcaa cagcacttat gggattgaca 600
gagaaactga tttttccct gagagatcct gcatacagta cattcccgcc agaagggtgt 660
ttcgtaaata cgcttggcct tctgacctg gtgttcgggg ccctcatttt ttggatagtc 720
accagaccgc aatggaaacg tctaaggag ccaaattcta ccattcttca tccaaatgga 780
ggcactgaac agggagcaag aggttccatg ccagcctact ctggcaacaa catggacaaa 840
tcagattcag agttaacaa tgaagtagca gcaaggaaaa gaaacttagc tctggatgag 900
gctgggcaga gatctaccat gtaaaatgtt gtagagatag agccatataa cgtcacgttt 960
caaaactagc tctacagttt tgcttctcct attagccata tgataattgg gctatgtagt 1020
atcaatattt actttaatca caaaggatgg tttcttgaaa taatttgat tgattgaggc 1080
ctatgaactg acctgaattg gaaaggatgt gattaatata aataatagca gatataaatt 1140
gtgggttatgt tacctttatc ttgttgagga ccacaacatt agcaggtgc cttgtgcaga 1200
atagatactc aatatgtgaa tatgtgtcta ctatagtta attggataaa ctggcagcat 1260
ccctggcctg ttgtcatgca gtcatttctt gttaattctg ggagacaatg atttcacaac 1320

```

```

tagcgggaag cagtcctaaa agtttaaaat ccgataagga atatctggga cagggttttag 1380
atcatgactc tacacagata ccatgatgag agtatattaa agaaatttag gaaagcacct 1440
ggttcctttc tccccatgcc tgccttctgc tccctcccca gctgggttgg gctcaaattg 1500
tccctggaga ctagggttta tgtagggta ttgatagatt agagcaggtg gttgaagaga 1560
tcttctctgg tcagacttgg aagaatttcc aaaactgaag ttagcccca gacttcccta 1620
gggttgatgt actttatgat ccagatgcta aacttcttag aatgaaaata tgcttcaaca 1680
cttaagtagc atacactgcc ctacaaacct cagagagcac ttttcccca gttcttgttt 1740
ttatttttga aagtactcac acagcactta ctatgctcca aacactcctc taagcacttt 1800
acacatatta gctcattcag tccccagaca gacgggatga agtaggtatt gttactgttc 1860
ccattttaca ggtgagagat ttgaagcctg gggaggctag taactcacc caaggtcaca 1920
cggctcatac atggtgggac tgagactcag atgcaggcag tctggcacct cagtctggat 1980
tctaaccatt tcactaagct atttttgtct tgtactactt tgaccacccc ctgaataaac 2040
ctcaattgct ggagtggggg gtagttatta aagggatgct ttttaccttt tgctgtctgc 2100
tgtggcagat tccccagata accaaggaaa agggggccacc catacctgga aataggccat 2160
agggcccta ctactgccaa caagccatgg cctaccttga cacttgtttg atcttaaaat 2220
tgtgtcttgg taacaaaaga tttggacagg catatctgta gctttcaagt taattaattg 2280
caatattttt ttcttcagga ttttagctgc tgaacaactt tcagtttga gctaaaagag 2340
acctgtctca tggctgtccc ttccctgggg caatagctag ggtctttcct gatttttatg 2400
gaatttttagg ggaatttttg agctttgggt tctcagtagt gaattgagac ttggagggtga 2460
cttttcatgt ttggagtatc atctctgtct gggatctggg ctgacaaatt aaaacctaga 2520
gtagtgctta tgctgaaatg atacttttca ttttttggtt gatttttttg ccttcccttc 2580
aattttaaac tgaagcattt taatatgg 2608

```

<210> 7438

<211> 2012

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1515)...(925)

<223> similar to gi5901655 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7438

```

tttttttttt ttaagaacgt cagctccttt attattatta ttattattat tattaattat 60
ttactgttat ttacccttaa acaacagcat aactcaaata ataatgacac acacgtcccg 120
cccatataca caataccact agcctatctg tcaggctatc tggcctttgc ttggttcctg 180
atggagctgt ctggagacag ctccctctgt aaaaatcccg acttaaacac aggggacaga 240
agaaaggggg gacctaggtc agatcataaa ctgacaggct cccagcgtcc ttagggagtg 300
ctaagtggga aactttgaga acgtgctgga cacatctggg cagagggcag aaggcactgt 360
ttgtttttat gtggttgatg gataaattcc atatggggat ataagacctg tatatcacc 420
catttttaggc ccaggcatgt ggaagcacag tggggttagc tactgggttt cattaacca 480
aaccatgcgg catggttttg gagccatggg aatcgggagc ccagagtagg aacctgggtg 540
atggggggagg tccccagaga aaagtaaccc ttgcattcac tgcaagtaag atacaacgtg 600
aaatgttaag tcccctttta tgtgttttgc acattctata gttgcaaaac acatagaatg 660
tgcaacattt tcatcaagat agaaaaggta aagaaagcaa aactagtatt ttggcctaac 720
acaaccaagc atgatttgcc aattgcgcta tctgtggag aaatctacca ctacactatc 780
cagggaatct gtggtcagtc ctcaccccg caccctctaa cattttactt gactaaatc 840
tgagttcagc taaagtaatg tatcctggaa tcagagaagc cctaggggtg gggacaaaac 900

```

```

aaggatgggc cagtactggc atctcaggta caggtgactt cctggctgtc ctggggaagc 960
tcgttggtga aactgctctc tccaaatgtt gagtaaggag ggacctgggg agcttcgatg 1020
atcagcagac cctctgggga aagtgaggca aatactgtca caggatccac ctctgcagga 1080
agctggattt tctttgtgaa gttcttagaa acaatgccac cttcttgctg tttctcttca 1140
tgtttgccag acacctccac gtatccatct ttggtcttca ccatcaactc ctctggcttg 1200
aagctgtgca cattcacaca cactttccag ggctccccag ggaaggggtg gggggtcctg 1260
ccctcggcag gcaccccaaa cctggcggtg gcagtggggc cccggggcac catgcccgc 1320
cttaggggtg ctggccaggc ggaggagaga cgaggcagag cccagtcggg ccaagaggct 1380
gtcaagtcgt ctgggaaggg gtccatgcc aagccatcat ccagcaggcg agaggagag 1440
ggagagtccc gaaaggggtc tcggcgagc cggtctgggt agtggcagga gaagggcatc 1500
tgaccgtcag ccatggtggc tgctcagctc agagagaaac agaggctcag agagacagaa 1560
ccacctgccc aaggtcacac aacaagggtg tgtggctggg ctactttatt cttcagcttc 1620
cgaaaatgct gcttttctgc agggagaagc agaaccaacc actgccaggg acggttgtgt 1680
cccctcgact ggggtcccag ccccaaaagg taacccccg ggcatatcca gcagaatccc 1740
agagggtccc cgtccgcact gcctcacgac agaccggcaa gccaccgtcc tcccaggctt 1800
cccaggtgct ccaggtggc agccagaacc gctgaggtct agagcggagc caggagctta 1860
ataaaccagc ggcacgcgc cctagaaact tcttctggct ccttctgggc tgcaagcctt 1920
ctatttattt gctgctggag gctggaggcg ggttttgcaa gcgtctcctg tcacaggaat 1980
attcggagggt gatgaaccag ccccgacga aa 2012

```

```

<210> 7439
<211> 1409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (267)...(971)
<223> similar to gi3860903 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7439
cctcggttcc gttgcgtagg ttgtccctca gtgggacact gcagggtgcg gggacaacta 60
cgaagatggc ggttgcgcgc ttggcagctg tggcgccctg ggtacctgt cgagagctggg 120
gctgggcagc cgcccccttc ggtccccacc gtggcctcag cgtgctgctt gcacggatac 180
ctcagcgggc gccacgggtg ctcccagctt gttagcaaaa gacgtcactc tcattcctta 240
atcgaccaga ccttccaaac ctggcttata agaagctaaa aggcaaaagt ccaggaatta 300
tcttcatccc tggctatctt tcttatatga atggtacaaa agcgttggcg attgaggagt 360
tttgcaaatc tctaggtcac gcctgcataa ggtttgatta ctgaggagtt ggaagttcag 420
atggtaaact agaggaaagc aactgggga aatggagaaa agatgttctt tctataattg 480
atgacttagc tgatgggcca cagattcttg ttggatctag ccttgagggg tggcttatgc 540
ttcatgctgc aattgcacga ccagagaagg tcgtggctct tattggtgta gctacagctg 600
cagatacctt agtgacaaag tttaatcagc ttcctgttga gctaaaaaag gaagtagaga 660
tgaaaggtgt gtggagcatg ccatcaaaat actctgaaga aggagtttat aacgttcagt 720
acagtttcat taaagaagct gaacatcact gcttgttaca tagcccaatt cctgtgaact 780
gccccataag attgctccat ggcataaggg atgacattgt accttggcat acatcaatgc 840
aggttgccga tcgagtactc agcacagatg tggatgtcat cctccgaaaa cacagtgatc 900
accgaatgag ggaaaaagca gacattcaac ttcttgttta cactattgat gacttaattg 960
ataagctctc aactatagtt aactagatc acatgttttag ttggtatgta aactaatgta 1020
tccacgaaga ttggaagagg gataagaaat gaaagatcct gatactttaa ggtttttccc 1080

```

```

tttcctctat ttgttaaata taagatgagt attatttaat gatgtatttg cataagtaat 1140
gcaaattgtg aagaaggacc agctgctgtt tagaaaaatt tctccttcct tctgtccttg 1200
atTTTTTTTt cattaaagta tttccttttt ttaattcaag aaaagtttac ctttcttatg 1260
cttatgttag ctatgccagc tcttaattgc atccttttct aattaggatt attaataaag 1320
cgcggatatt ttgtttttta ttatagacag aaattggtgc cattacttgt gattaaaaaa 1380
tgcaattcac aaaatatagg gactgtatt 1409

```

```

<210> 7440
<211> 2208
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2209)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (512)...(794)
<223> similar to gi3885931 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7440
aatttctcaa ggttatagggt tggggtttctt agaacttttt gtggtgtgtg ttggcctaga 60
gcgactcaga agcgtttagtg acttcaccta aaaaagctaa cctctctgct gagcgcgacc 120
ggtatgcggc gcaggatgag cctcagggct tctgttaaga gtctgtctga gaaagccgggt 180
ctgcgctgtt cctcggtggc gaccttaatt atgagatgag ctaatgcttt actgacttaa 240
ccatggcgca gcgggcagtg tggctcataa gccacgaacc gggaaactcca ctttgtggca 300
ccgtgagatt ctccagacgg tatccaactg ttgaaaaacg agccagagtc ttcaatggag 360
caagttatgt gcctgttcct gaagatgggc cctttcttaa agcactggtc ctttgaactt 420
aggattatth ggatgattga taaagacttc gttgagagtc gtgatagctg ttcacgcac 480
aataaaacat ccatttatgg actcctgata ggagtgtgat ttggaaggaa tcatgccaaa 540
tgttaccatc agcttgagtc tccccaccaa tggatctcca cttcaggata ttctagttca 600
cccttgtgta acttctcttg actctgcaat tctgacttct agtagtattg atgcaatgga 660
tgactctgca tttagtgggc cttacaaatt tccattcact ccacctttag agtcattcaa 720
cttatgcttc tacacttccc aggtccctgt cccaccaatt ttgggttttt atcaaatgaa 780
ggaggaagaa gtacaactaa ggaataacca ttaatttaaa acttcatgga aagtgtggaa 840
aaataattht ggaattctgt ggaagcccat ataccttttt tacaattaga ggtcccat 900
cacatttgga atacaaaact agttttggcc agcttgaagt atttcgagag aaaagcttat 960
tgatctggat tattggccag aagttcccaa aatcaatgga aattagtctt tctggaactg 1020
taacttttgg agccaagagc catgagaagc agccatttga cccaatttgt actggagaaa 1080
cagcatatth aaagcttcat tttaggatct tagattacac acttactgga tgttatgcag 1140
atcagcattc agttcaagtt tttgcatcag gaaaaccaa aataagtgca caccggaac 1200
taatttcttc tgattattac atctggaatt cttaaagcccc tgctccagta acataggat 1260
cattattatt gtaatagtct catgttttaa tgggattata taatgataac agtttaaaga 1320
aatcataat cttatattht taatgtggat gcatataacc tgtgagtga aaatcactga 1380
atgatttaat tgtaaaagta gtcttatgtg gtgtttgtag tctgatagag cttgaaagga 1440
cattttaaaa gctaattgtc ccaattttgt taaccttcga ttttatgcca gtataattca 1500
gaacatagaa aagtaatgat tcacttgggc tcattttaga ctggctcctg gtcaccctgc 1560

```

```

cacacttggt tccatgtgt tctgtggcag acattgctaa tcaattacag cccttttctg 1620
tactgagcct tggataaagg gtcaggctcc tttttagttc agagattcag gcagccactc 1680
ccagtggtgt gtagataatg tgcaagataa aaactathtt ctcttccaaa tctaagtact 1740
aagctcctag tataaggtgt tgttacagaa taccagagac catgttagag acaactacat 1800
ctcttcaaaa aacagccaac agagacaaa gaaaagtgtt taaatagtaa gctgttcttc 1860
ttaatcagaa ctatcctatt gactaataaa taatctgcat aattctactt aagggtgtgt 1920
atctctgttc tagagttagt ttttaagtaa gcttgtaaat ctgccacttt gacattttgc 1980
ttaggatgtc agtagccata ttaagatgtg tagaatacct tcagaagatg atcatagtgt 2040
tttgtaatca tttaatgtct gcagccaaat ttttaaagggt aatttagacc taatactgct 2100
cttgctgtgt cttattaagt taaaattaat gaatgaattc tggggaaaaa tttcaaaagg 2160
gcactctgtg gggtaggagg agtatccant taaggcctta ttttttagg 2208

```

<210> 7441

<211> 2249

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(1376)

<223> similar to gi5809682 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7441

```

cggacgcgtg ggcggacgcg tgggtgcgcg cctgggacct gaacatggac ttcccgtgcc 60
tctggctagg gctgttgctg cctttggtag ctgcgctgga tttcaactac caccgccagg 120
aagggatgga agcgtttttg aagactgttg cccaaaacta cagttctgtc actcacttac 180
acagtattgg gaaatctgtg aaaggtagaa acctgtgggt tcttgttggt gggcgggttc 240
caaaggaaca cagaattggg attccagagt tcaaatacgt ggcaaatatg catggagatg 300
agactgttgg gcgggagctg ctgctccatc tgattgacta tctcgttaacc agtgaatggc 360
aagaccctga aatcacaaat ctgatcaata gtaccgcat acacatcatg ccttccatga 420
accagatgg atttgaagcc gtcaaaaagc ctgactgtta ttacagcatc ggaaggga 480
attataacca gtatgacttg aatcgaaatt tccccgatgc ttttgaatat aataatgtct 540
caaggcagcc tgaaactgtg gcagtcatga agtggctgaa aacagagacg tttgtcctct 600
ctgcaaacct ccatggtggt gccctcgtgg ccagttaccc atttgataat ggtgttcaag 660
caactggggc attatactcc cgaagcttaa cgcctgatga tgatgttttt caatatcttg 720
cacataccta tgcttcaaga aatcccaaca tgaagaaagg agacgagtgt aaaaacaaaa 780
tgaactttcc taatggtgtt acaaattggat actcttggtg tccactccaa ggtggaatgc 840
aagattacaa ctacatctgg gccagtggtt ttgaaattac gttggagctg tcatgctgta 900
aatatcctcg tgaggagaag cttccatcct tttggaataa taacaaagcc tcattaattg 960
aatatataaa gcagggtgcac ctagggtgtaa aggtcaagt ttttgatcag aatggaaatc 1020
cattacccaa tgtaattgtg gaagtccaag acagaaaaca tatctgcccc tatagaacca 1080
acaaatatgg agagtattat ctcttctctt tgcttgggtc ttatataata aatgttacag 1140
tccctggaca tgatccacac atcacaaagg tgattattcc ggagaaatcc cagaacttca 1200
gtgctcttaa aaaggatatt ctacttccat tccaagggca attggattct atcccagtat 1260
caaatccttc atgccaatg attcctctat acagaaattt gccagaccac tcagctgcaa 1320
caaagcctag tttgttctta tttttagtgga gtcttttgca catattcttc aaataaagta 1380
aaatgtgaaa ctcaaccac atcaccacct ggaatcaggg attgctcact ccaggttact 1440
gcaaccctaa ctactctag tgggaccttg actggagaaa ctccacgatc ttctgaaga 1500
agagaaatgg atgtttccaa attccacaat aagcaatatg tggtgataat gaaaagaatg 1560

```

attcagtctt	gacggtgaat	ggaagacact	tacctaacaa	gtactgctca	tttactactca	1620
aattaatctt	gaagtagtct	taaaatgtgt	aagaagttaa	aacttgagaa	gcaaaaaaat	1680
gcctgcaaaa	agaagatcat	tttgtataca	gagaaccgga	tgaatataag	caatgaagat	1740
gaacatttat	tgatcttcta	catacaagac	ttcaccataa	ggccaggagc	agtggctcac	1800
accttgtaat	cccagcactt	tgggaggcca	aggtgggcgg	atcaccttga	ggtcaggagt	1860
tcaaaaccag	cctgaccaac	atgggtgaaac	cctgtctcta	ctaaatatta	gcgggggtgtg	1920
gtggcgggca	cctgtaatcg	cagcctttca	ggaggctgag	acaggagaat	cgcttgaacc	1980
ctagaggcgg	agtttgcagt	gagccgagat	agtgccattg	tactccagct	tgggcaacag	2040
agtaagactc	tgtctcaaaa	aaaaaaaaacc	aaaaccaacc	acccaaaaaa	acccctctcc	2100
ctggggggct	cctggggaaa	aaattttaagg	ggccatattt	attaagttcc	caaaaaaggg	2160
ggaaatggtc	cttaggcccg	gaattggttt	tgcaaccgtt	ctaggaaatg	ggggaaaaaa	2220
ttttgacccc	cttcttatgg	gcccaggaa				2249

<210> 7442

<211> 2222

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (253)...(693)

<223> similar to gi5788103 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7442

gcggccgccc	gagaggaggc	ggtgcgcgaga	tcggggggcgc	cgagcgcggc	agcagagagc	60
ggtagcgccc	cgtcgtggcg	caccagaacc	gaaaccaggg	gcagccgcac	ggccacttga	120
gccgcccctt	cctgctggag	ccagcgaggg	gtgcctgcag	ccgggacccc	ttcctctccg	180
cgtctcctcg	tctcccgcgc	agccgctccc	tcggcggggc	cgtggggagc	gtggcgctcag	240
ggggcccgcg	cggcgcagtc	ccccttcagc	atcccgaaca	gcagcagcgt	cccgtacggc	300
tcgcaggact	cggtgcacag	cagccctgag	gacggcggcg	gcggccggga	ccggccgggtg	360
ggcgggagcc	ccggcggggc	gcgcctgggtg	atcggctcct	taccagctca	cctctcgccg	420
cacatgtttg	gaggatttaa	gtgccctgta	tgtcaaaaat	ttgtatcctc	agatgaaatg	480
gatttgcatc	ttgtaatgtg	tttaacaaag	ccacgaataa	cctataatga	ggatgtactg	540
agtaaagatg	ctgggggaatg	tgcaatatgc	cttgaagaat	tgcagcaggg	agatactata	600
gcacgactgc	cttgtctatg	catatatcat	aaaggctgca	tagatgaatg	gtttgaagta	660
aatagatctt	gccctgagca	cccttcagat	taagcgctcag	cttctctgtt	tataggtttt	720
cttgtcttga	caagatgctt	gaaaaaccaa	gaggatatga	aaatctgtct	ctggagaaac	780
aaagacgcag	gcatactcag	ccagaaatct	gagttttgtg	agacttggtg	atacagagat	840
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gtgtaccaaa	catgcataca	aaggacacac	agggattttg	aaaatgctgc	acatccctta	960
atagtcactt	acataggtaa	tactgataaa	cattttgtat	tcagacgcca	aagttaactg	1020
atttaaaagt	tgatttactt	tttattaagt	tctccagagc	tgcacaacta	gttatgtttt	1080
gatttgtttt	gttttttaat	ttgggggtctc	tttgttttcc	ccaacataat	gttcataatg	1140
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tcttaaagt	gaaaccaaga	aatgtaatca	agcagtaaaa	acatctgaat	gtagaccatg	1260
atctcaagtt	cttccatttt	ctccccacag	agtggaaaaat	agacttctac	ataggaaagc	1320
taaaatatgt	taatatTTTT	aaatttaaagg	tttaatatca	gaatgcagtc	caaagagcaa	1380
atcatattac	ataattacat	tttaattaaa	tatagaatat	tctactgaat	tgcaatttat	1440
taaatattct	tatcctctta	aataaaactg	ctcaacagtt	aatcagcagt	gaatcatctt	1500

```

gcagctatgc aatttaaaaa aaatacagat taccaatttc aagtgctgcc agctaaaaata 1560
actgttttaa cgggtatctt ttgtttgttc ttttcactta attattttat tgtgctttgc 1620
atctccaggc agttctctca catttgggta aaatgtttag caggctgtaa acttaagaaa 1680
agggtaaaaa aaaattttct ggagaggaac ttggaatttg agggagattt tatatacctt 1740
taaaaaactgt aatttaattg ggatgccagg tttatagcaa tttgcaactt taattttccc 1800
agataatctg gaggttagca tttgataaat gattttttta agtagatatg aagattttgt 1860
taatttataa tttattcatg tgttattact gtaattgaaa atgttataga cactttttaa 1920
ttcagtttgt gtagaaagaa atgtgtttaa caaaattatg ttaataaata ttcccacata 1980
atacatctga atggttaaaa atactggaag agttgtcagg gctacaatag tgaatgtcct 2040
tttttttaat atcaaaaata tcgataagta ggttttgtgt tttcaacgta gggaaaatgt 2100
tatcagtga taggtggcgt actttacttg gtataattta aaggtgcaca gtaagtactg 2160
attcccttat tttaatcttt ctttactcat aatgtattta agaatttgct gttttattta 2220
ac

```

```

<210> 7443
<211> 1366
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (989)...(190)
<223> similar to gi3217034 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7443
aatgagaccc tgtagacatt agtcagtgcg gtggaattct gccatctcat cttcccccta 60
aaaacccttt tatgtacacc tgcgagaga agagggctgc ctggcctccc tgggcccgtg 120
gtacagatca cacacacaca cagattaaac gcagcccgtt taatgatggg gccagactg 180
cagtggctca agacaggaca ctgcggaag ccgccatgtg ccgccgcaca ctgtctgaga 240
tctgtcagc cgatctgctc cggccgtagt aatccgtgaa gaggccgtca gggttgagca 300
ggtagatggc aatggagtgg tccacgatgt agtcctggtc ctcatccttg gggccggcat 360
ttagtagtac gcggttaact tgactagcct gggcaacctg tttggtggag ccggtcagac 420
ccaacagtct tgggtggaag tcctggacgt agcgggccat ggcttcaacg tcgtcccgtc 480
cgggtccac agtgatgaag acaggctgca ctggaggcaa accaggctct gcttcagct 540
gccgcaccac ctgcaccagc ttctccagct cgtctgggca gatgtcaggg cagtgaagtga 600
agccaaaagta catcagcacc cactggcccc ggaagtcagc cttgcagcga gcccggcctc 660
tgtgatccag caggtggaag tcgccctggc ccacagctgc ctggcgagc gcttctgttc 720
gcttttgctg ctgcagcctc tccttctcag ccctcagggc cagccaggcc ccaccgagtc 780
cagccccgaa caggcctgtg atcagcagcc gggttcgaag ccaggggccc tggggctggc 840
cctgcccacc tgtctctgca gggccctgcc ttgacaaaag ccaggacctc agatgcaggg 900
cctggcctcc cagggtccca gggaggaccg gaggcttgag ctgagagagc ctgtgccaa 960
ctgtggggct ccgagtcagc agcagcatgg atctgatgct cctggaaaca agcacaggcg 1020
tcaggagcca gaagggaag cccaggacag tgcctgggct gcccctgcga cttgagacca 1080
gccaccatc tgaaggaccc agcccacgtt caggcttaac aggcatttgc agctgctcac 1140
ctgagctcag aactccacct ccaccaaaaca tccacacctg ggcaaccaca cctgtcactc 1200
ctgtcctcta cctgggatca ccagcctgtc accgcacctc gccctgcacc tgcacctcag 1260
caaggtgaac ctcttgctga cggaaagcat tccaagtgca tgccttgctc gaactaacca 1320
cgttatctat ttgcaataaa ccattttctt aaaaggaaaa aaaaaa 1366

```

067

<400>	7444								
cgacccacgc	gtccgggggc	cgcggcggcg	cgggtgctcc	gggccgaggc	cgcgtctggc				60
tcttgctgat	tgaattcctt	tgggtgcagtt	tagcatgttc	ctctgtgttc	tgcatactcct				120
gtagtgtaat	gttcaagctc	agaaatgcct	tatgtggatc	gtcagaatcg	catttgtggt				180
tttctagaca	ttgaagaaaa	tgaaaacagt	gggaaatttc	ttcgaaggta	cttcatactg				240
gataccagag	aagatagttt	cgtgtggtag	atggataatc	cacagaacct	accttctgga				300
tcatcacgtg	ttggagccat	taagcttacc	tacatttcaa	aggttagcga	tgctaactaag				360
ctaaggccaa	aggcggagtt	ctgttttggt	atgaatgcag	gaatgaggaa	gtacttccta				420
caagccaatg	atcagcagga	cctagtggaa	tgggtaaatg	tgtaaaciaa	agctataaaa				480
attacagtac	caaagcagtc	agactcacag	cctaattctg	ataacctaat	tcgccatggt				540
gaatgtggga	aaaagcaagt	gtcttacaga	actgatattg	ttggtggcgt	acccatcatt				600
actcccactc	agaaagaaga	agtaaataga	tgtggtgaaa	gtattgcagc	aaataatctg				660
aaacggtcac	aaagccatct	tccttacttt	actcctaacc	cacctcaaga	tagtgcgggt				720
atcaaagctg	gatatttgtg	aaaaacaagga	gcagtgatga	aaaactggaa	gagaagatat				780
tttcaattgg	atgaaaaaac	aatagctctac	ttcaaatctg	aactggaaaa	ggaacctctt				840
cgcgtaatac	cactttaaaga	ggttcataaa	gtccaggaat	gtaagcaaag	cgacataatg				900
atgagggaca	acctctttga	aattgtaaca	acgtctcgaa	ctttctatgt	gcaggctgat				960
agccctgaag	agatgcacag	ttggattaa	gcagtctctg	gcgccattgt	agcacagcgg				1020
ggtcccggca	gatctgcgtc	ttctgagcat	ccccccggtc	cttcagaatc	caaacacgct				1080
ttccgtccta	ccaacgcagc	cgccgccacc	tcacattcca	cagcctctcg	cagcaactct				1140
ttggtctcaa	cctttaccat	ggagaagcga	ggattttacg	agtctcttgc	caaggctcaag				1200
ccagggaact	tcaaggtcca	gactgtctct	ccaagagaac	cagcttccaa	agtgcactgaa				1260
caagctctgt	taagacctca	aagtaaaaaa	ggccctcagg	aaaaagattg	tgacctagta				1320
gacttggacg	atcgagcctt	cctcgagcgt	gacgtgtgag	gccagaaagc	gcacgggagc				1380
ctggcctgcc	ttttgcggtt	cccagctttt	ccttttcatg	gaggcttcta	gccaaagatg				1440
ataaaggggg	aaatggtttt	tagtgcggtat	attatactgc	ctcttaggtg	tactctttat				1500
aagctggtaa	accaagaatc	tagggagtggt	ccaaactaaa	tataatttct	ttaaaaaaga				1560
aagaaaaagg									1570

$\langle 220 \rangle$

<221> misc_feature
 <222> (129)...(341)
 <223> similar to gi1209724 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7445
 attctttccc caagtctcta tggtagcgct agcgtcggag gcggtagtga cgggtggcgtt 60
 tccttgagga agagtgaggg ttccaacttt tctgcttattc tgggaggtgt tgggcgcgga 120
 cagtcgagat gtcagagaaa aagcagccgg tagacttagg tctgttagag gaagacgacg 180
 agtttgaaga gttccctgcc gaagactggg ctggcctaga tgaagatgaa gatgcacatg 240
 tctgggagga taattgggat gatgacaatg tagaggatga cttctctaata cagttacgag 300
 ctgaactaga gaaacatggt tataagatgg agacttcata gcatccagaa gaagtgttga 360
 agtaacctaa acttgacctg cttaatacat tctagggcag agaaccagg atgggacact 420
 aaaaaaatgt gtttatttca ttatctgctt ggattttattt gtgtttttgt aacacaaaaa 480
 ataatgtttt tgatataaaa aaaaaa 506

<210> 7446
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (83)...(481)
 <223> similar to gi23396 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7446
 aaactgttga gaaaacggaa ctactgggga aagggagggc tcaactgagaa ccatcccgtt 60
 aaccgatca ccgctggtca ccatgaacca cattgtgcaa accttctctc ctgtcaacag 120
 cggccagcct cccaactacg agatgctcaa ggaggagcag gaagtggcta tgctgggggc 180
 gccccacaac cctgctcccc cgacgtccac cgtgatccac atccgcagcg agacctccgt 240
 gcctgacat gtcgtctggt ccctgttcaa caccctcttc atgaacaact gctgcctggg 300
 cttcatagca ttgcctact ccgtgaagtc tagggacagg aagatggttg gcgacgtgac 360
 cggggcccag gcctatgcct ccacggccaa gtgcctgaac atctgggccc tgattttggg 420
 catcttcatg accattctgc tcgtcatcat cccagtgttg gtcgtccagg cccagcgata 480
 gatcaggaag gcatcattga ggccaggagc tctgcccgtg acctgtatcc cactactct 540
 atcttccatc ntgcgcctgc cccagaggcc aggantctgc ccttgactgn attcacttac 600
 tc 602

<210> 7447
 <211> 4377
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4168)...(631)
 <223> similar to gi3882285 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7447
 tttttttttt ttttaaatat acagatatat ttatatattatc aaaaagtccc caaattgggg 60
 aaaggggcat caggtagtct ggacccccca ctcagcccag actggaagga aggctgaagt 120
 ccccaaagcg cagctctcag ccctgtagaa gctcagccaa gagctcccct ccccgtagagc 180
 tgagtgtctc ttctacagca cccgcttttc ttgctgttct gggagtgtgt tgggaggagc 240
 agggggctcc cttccgggca gggccccagg gcttcaacgc ctctgaaggt gggggtggtc 300
 ctccccagt tctgactta tggcccatct ctccaagccc cacaaggac agttgaacct 360
 ggtgggggtg agcagggttg ggccaagagg tcttgaacac ctggggcaga gttgggaaga 420
 ggtttcctgc ccagggttga cccctgctgc ctcccagccc ctgccgggga acccccatgc 480
 tgcaagtcat gatggaggat gtgggtgtgt ggggtgcagt tcccatgcac ccccgctgg 540
 ctacatgca ggccttggag cataaggggt gtctgaacaa aaggcttcca gcggcggaat 600
 cctagagcca aggatgggct cctgtgtctc gacgttgcgc agaagagaca gagggtccgc 660
 ggtgaaggca gccacactcc ggcgcatttc attttcacta cctcgaaggg ggatcagtga 720
 cacactaccc agccggacct caggcactgc ccgggacacg cgtgagggtc ctgagggcca 780
 caccaggccg tcatgtctga caaacagaaa ggtagcgaac cactcccga gctccatctg 840
 tgtgtcacag cagaggtacc actgctgctt ctcatgtttc tctgtctcat gcaccactgt 900
 gaagccccag caggtgggtg gcctgagttt cttcttact cccaggtaga ctttgagact 960
 cttaatatgc cactccttct caggccggtg actggtctca ggggccccgc tccacggcct 1020
 ctggctccgg acctccttgt agagccgcaa gcagctgctg ttgaggatga agtagcgatc 1080
 gtggaagcca cctgagggca ggcccaggcc caggaggctg cggtcctcac ggaacttcat 1140
 catgccatgc ttggtgtcac cgacacggct ggccaggtag agcagcatgg cctccatggc 1200
 ctggtgcttc ttcaccacca ggtggctgtc cgtgcccagc ccgtgcagga tgggcagcac 1260
 cttctccgca aagtgcaggg ggctctctgc ctctccctc tcggtgacct caaagcaggt 1320
 ccaatagtc ttctccctga tgcccacgtt ccggcgatcc aggatctcca gggtagctc 1380
 ctacagcagtc atggatgctg ggaccttgat atgtctgtca gtctctgcct tcttctcttc 1440
 cagatacact gtgcagatga agtcaccggc atgctgggtc ccactggcag tgccagccac 1500
 gcgcactctc acaatggcag tgatctcctc ccgctgcttc ctgagctctt cctcatccac 1560
 actaaacacc accacatagt ggttaatgag gtcttccacc acacggccag cctttagtgc 1620
 ctgcccactc gtctggaaga gcgtgggccc aaacacaatt gccagggtgt gcacgttcat 1680
 ctggttcgtg tctgagaagc actgaacaca gtacagggtg ctgataaggg ctttactgt 1740
 ggcccgggtg acagggggca gccgcaccag cagctctcgg tacctggaga ctttctctc 1800
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 atcaggcagg tcgcgcagga agcgcttgag cgccgaggaa acatcatcca cgtgctgctc 1920
 gccctccttg aggtgcacag agcgcgcatc ctgcccagag ctctccagca gccgctgtgt 1980
 cttcgatgtc tgcccacact tgccgtagat gccctcggag gtcaggccgc actgctgtat 2040
 gtagtccaca cagcgtgaca cgatcaccgg gatatccgag tccccaaagt gctgctccga 2100
 cagcgtgtcc cccatgctgg cggtgctttt ctggatggcc ccagccaac ccatgaagtc 2160
 cagccgcccgc tcgccctgta tgtacagtgt cctccttcgc tccactagca ccagcacctg 2220
 gttctcactg tccccctgga tggaaagctc ctgcagtttc cgtagttgca gcggctcttc 2280
 gcaggggccc tccgggaaga cagcacggag ctccagacca ctgagagaga accagccctc 2340
 ctgggcccgc ttagggtctc ggccagcttt gtagggtagg cgtcccagcc gctcaaatc 2400

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ccgggccagc agatcctcgg ctagggggagg cacgaatgcc ttagcaatac acttgaccca 2460
ctcatgagcc tgctccgcac tctccagccc aaacagggtac agccgttctc cctccgtgta 2520
cacctcaaag gtgtgctcaa agccatgggt gtcaggagggg ggactgcca ggcacacaat 2580
ctcgtcggcc cgaatctctc cattgggggt cactgcccgc tcattctcaa agtagctcag 2640
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tagcagcttg ccggcagagg cagtcttgta gaggaagcca ctgtggctca cggtcggcag 2760
gacaactgag tagtgctttt ccaggggctt catcgagtc agccgaggca cctctgtggt 2820
ccggttggtt cgaaggaatt ccatctgcag cgtctgcccc gcctgctctg caagagccag 2880
gggctggttg gcctcagggt cccccagaaa gcagttgatc ccagccccac agccaggag 2940
cgctcgggtc tcagccagggt ctgtgggtggt gactgcagca cacagggcct tgtccagtc 3000
ctcctggttg ccaaagagcg ggtggttagcg gcggtacttg cctcacgggt acttggcctc 3060
cagggtggcac cgccgggtgc tggggctgct gctgggctgc agggcctcac tggggggcac 3120
gttggctgcc cagaagcgggt tcccagcgcc attccccagc tgtaagaaga gtcgataag 3180
tgtttctgtc cacaccttcc tgtccatctt caggctccgc accttgaga cgccagcgcc 3240
caggccacgg tgctcccctg cacagcgctt gcagataaca acacagagggt tgatggaggc 3300
ccagtcaggc tgaggagccc cgcagtcagc acagaacctg ttgggggctg cagccagat 3360
gcgctcggcc acctccgagg tagacagggc ctcagcgatg gctcccctga tggcctcaa 3420
ccactgctcc ttctctagct ctgagtcagc agagaagctg aagatgcggt agggcggtgt 3480
gaggtcgaag ctgcgcgggt ccacttcctt cacgttgccc acgctcatgt cgatgaagg 3540
gatgccaatg cccagggtgtt actcctctag attctttag agctgcactt tgtccccgac 3600
cacggccacg tacagcttat tcttgaagcc acgaagctcc aggtgcccag cgcggtcagg 3660
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ctcagccatg gcctgctgca gggcctgcat ccactccttc cgctccacat cactctctgc 3780
ccggaaggca aaggttcgggt tgtttgtgat cacttcaaac ttctgggtccc cgatggcagc 3840
cacgtgggag atgcaggcca cagagataaa gcgcttagag taagcgtcct tgttactgtc 3900
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ctgcggtggg ttcttgtcca gccagccagc cttgatgact ggtgtgacgg ggggtggagcc 4020
cccaggcggc ccgtccatgg ggtgtggcgc agctattgtg ctgggcaagg acaagctcag 4080
gctgctggta tgccatccgc cattggggac gccctcatag gcgtgggtcat cctcttctc 4140
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ggcccgtggg actcggctcg gtgggggctc ctctgcccc cgagacccac tcagcgcat 4260
ccttcccttc aagccacaga tcacaccac ccggggctgc cagccccct ctgtccacac 4320
agccccgacc cacacagccc agcactttaa gttatgtttc ctcacactcc cctcccc 4377

```

<210> 7448
 <211> 1053
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (992)...(224)
 <223> similar to gi37547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7448
tttttttttt ttgcatagtg agtcggagtt tttttttata atttgtagaa aattgacatt 60
tagatttcaa aacttatatt acaaaattat cagcagcagt ctttaagcatt tcaacaatgc 120
tgatagattc cactttgcta acacaaacaa ggctattata ccatgttcga aaagcaagac 180
ttgttccaag agggcctatt attatacatc tgccctactg ctcaggaccc gtttgtgact 240

```

```

gtgtcttctt ccatctcttc ttcacccatca tcagtgggcc ctgatctgcg ttctctgcca 300
gggatctgac cagactgcag caacccttc agcctctcca cttcagccag agttgaagca 360
tttgctatgg cattcttgat tgcttctaca tccctggag atggcccacc tttcttttg 420
tcagtgtgca aaccagcacc tggattaaaa gttttgcttc tcctggcaat atcctttgca 480
agctgtgcac cccgtttgcc cttgaacatt ttctctgctt cctgacgctc ttttagtttc 540
actttctgga aatccagtac tctgacttgc ggaactttat aaatcacata caatctgtaa 600
tgcttcttat tggttaccgg atttcttagg atacttaggt aagtcagcga tttgagagat 660
gccagagggt ccagatcacc cagttccacg agactattat tggtgagaat gagttctgtc 720
agacagggca gagcctgatc aagtccctca cctatacggc atattctgtt gttgttcact 780
aacaatgttt tcagtcttct caacaaagga aaaccatcca gtttcctgat ctcattgtca 840
gaaaaatcaa tagcatcaaa ctgggtctaac gtagcaccta gattttcaat gacgggaatt 900
ttataccccc ggaggtccag ctcccggctc cgcaccgctg tgggtgactg cgccgctgc 960
tcgatcagct ccgccgtcag cttgaccatc ctgcagcctc ccgttcccc gcgctgtgga 1020
aagcccgtgg cctcccgccca gcgagacacg aaa 1053

```

```

<210> 7449
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (166)...(321)
<223> similar to gi403018 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7449
cgaccacgc gtccgggcag cggcggcgcc cggggagggt cacaataaag gtgctaagaa 60
agagaatgta agacaggaaa ataattaaat attcttaccg agtgtcttca ataggccgtg 120
tttaagaggc gtcttacact ccctgttgcc agtggctgga acacaatgga tcacacaggg 180
gcgatagaca ccgaggatga agtgggacct ttagcccatc ttgctccaag tcctcagagt 240
gaagctgtgg ctcatagaatt ccaggaaactc tccttgacgt ccagtcaaaa cttaccccct 300
ctgaacgaaa ggaaaaatgt gtcacagctg aggctgcaac aaaggaggac gagagaacaa 360
ctagtggacc agggcatcat gccacgcaag atttatacca tcaactgcat ccctaacgtg 420
acagaacatg acgggcgtgt ccgagaagag cctgcatctt gctctgt 467

```

```

<210> 7450
<211> 1086
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (617)...(284)
<223> similar to gi4337104 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7450
tttttttttac agttttaccac acaaattttat ttggggagaaa catccaggga ctagggggaca 60
agagaggaaa cctggtgggc agtagggctg ggggtacaga gtagcagtaa gtgtgctgaa 120
gggctcaaac caagaggaag agccaaggct ggggtccagt ggctggaggg aggcaaggag 180
ggctggtatg agggactaga agtcctggcc aagcccagat agaagtcagg aaggtggctg 240
gaaactggtg gaattttaca ccaaagtttg ctgcagtcac actaaggagt atagagccct 300
ctgttttgag ggtcattgca gaaatccagg aagcagtatt gagagaatat ccagaagcca 360
gacaccggag aagttcgggt atttgaacaa tcactcatct gtccttact tcggcagtca 420
ctcaccatga cgtcagaacc gctgctgttc tttttgtgga gagtgatgca gctgctgcca 480
gctgggggtga ggcagatgtc agatcccaga aggcacccta actccttggg ctccaaggag 540
catcggtagc agcgcaggta tttggggaat ggaagtgggt gaggggggttc ccaattgaca 600
ggaacaaact tacctcatcc ttttctctgc ccgcctgtg ctgagctgcg gctcagtggg 660
cctgaactcc ggagcccaca gaatctggcg ctgggctgctc gctctccgcg cctgaccgca 720
cctcagaact ccggttaggac ggggggggtgg ccccccgtc aagctctgtt ccctggggaa 780
gaaacctgga aagtgcgaac cgccgctcgg gacccaagcg tcgggcccga gcggacatcc 840
ggagcccga ggcgctcccc aggaaggcgg cgccgtagcg cactctccc tcccaggcga 900
attctggaga ccgcgcccc aggcgtctca cccattttct ccgctgggga ccgctgggct 960
ccccatccac gctactcgg tccccacccc accagctcag tcttgactca gaaactcagg 1020
gtttttactt ttaggatcgt tgggctgtgc gttaggggag gaggtggtcc tcagcgctcc 1080
ggaacg 1086

```

```

<210> 7451
<211> 1036
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (664)...(746)
<223> similar to gi212817 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7451
ttttacatgc cttgcatttt tgcagaagct ctgtcccagg gagctcaaag cttatcatag 60
tatttaaaaa aaaaaaacag aaatacagaa agtgtaggga ctgcaataaa gactagtctg 120
caagtctggg gccactttct cccaaaattt tttcaagagt tccagggttt aacattcggc 180
ctcagaaatt ccagaatctt ggggttcaaa tggaatcttc caaactgcc atcccacca 240
gaaaggacac attcttcaga ccatatgttc caatgttttt ttggggaagt gaggttccca 300
tataaggga aatgccccat tccaaaatac gacctttgga cagggtgacg tcattggaaa 360
tccgaaataa actgaggggt ggggaccagt ggggggaagc tctgtcactt ctggttacca 420
ctgttttgaa gcttcattgt ggctaatecc cctgcagaac ctcaaaccac ttagagatca 480
actccataga tctttggttt tcttcactgt tttcacatgg aacacagctt tctcctagtc 540
tgtgctttgt ttgctcacgt gtttttttct tcctcttggt gttcatctgt ggcactccat 600
tccgaccctt gccttctgtc ccctgtactt tccactgtc tccctgggga cctccgcct 660
ctagatgagt tatacgtca gaagctcaag tacaagcta tcagcgagga actggaccac 720
gctctcaacg acatgacctc tctctgagag gcagccagggt cgctgccctc tgtccttctc 780

```

acatggtgcc	tectacgccc	ctgtgggctt	ctaggagctc	cggtggcctg	ccttctgggt	840
tgaacgtcag	agccttcttc	tgatgtgtct	gtgactctac	aaccgaaata	aagacgggca	900
gtcctcctct	tcatgcccc	tcattctcat	tttctccact	tgctgccttt	gagctgtagc	960
tgtgtgccct	taaccatagc	ctgaaacaca	aagtgggtgg	ttagcctctc	tcactcacia	1020
atgaaaagct	tattac					1036

```

<210> 7452
<211> 2179
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1325)...(1947)
<223> similar to gi5824602 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7452						60
gtattggaat	gaatatggag	gaggactatt	gtggcaaagt	tggcaagaaa	aacatccggg	120
tcaagcacta	tcttctgaac	cttgggaactt	tcctgataca	aaggaagaat	gggagcaaca	180
ttatagtcaa	ctttattgggt	attatttggga	acaatttcag	tattgggaag	ctcaggggtg	240
gacttttgat	gcctcgcaaa	gctgtgatac	agatacttac	acatctaaaa	cagaagctga	300
tgacaagaac	gatgaaaaat	gcatgaaaagt	tgacttagta	tcttttctat	cttcacctat	360
tatgggtgat	aatgatagct	ctgggtacaag	tgataaggat	catagtgaag	tacttgatgg	420
aattagtaac	ataaaactga	attcagagga	agtaacacag	agccaattag	attcctgtac	480
aagtcatgat	ggatcatcaac	agctaagtga	agtttagtagc	aaaagagagt	gccctgcttc	540
cggccaaagt	gaaccacgta	atggaggaac	caatgaggaa	agcaactcat	cggggaatac	600
aaacacagac	ccaccagctg	aggattcaca	gaagtcttca	ggagcaaaca	caagcaaaga	660
cagaccacat	gccagtggta	ctgatggaga	tgaaagttag	gaagaccac	ctgagcataa	720
gccaagcaaa	ctgaagagga	gccatgaact	ggacattgat	gaaaaccag	cttcagactt	780
tgatgacagt	ggttcccttc	taggattcaa	gtatggctca	ggacaaaaat	atgggtggaat	840
cccaaatttc	agtcacggtc	aggctcaggta	tttagagaag	aatgtgaagc	tttaagtctaa	900
gtacctagac	atgcgcagac	aaataaagat	gaaaaacaaa	cacatcttct	ttaccaaaga	960
gtcagaaaaa	ccatttttca	agaaaagcaa	aattctgagt	aaggtagaaa	aattcctcac	1020
atgggttaat	aaaccaatgg	atgaagaagc	atcacaggaa	tcattcttctc	atgacaatgg	1080
gcacgacgct	tccacaagtt	gtgattcaga	ggaacaagac	atgtctgtta	aaaaaggtga	1140
tgacctactg	gagactaata	atccagaacc	tgaaaagtgt	cagagcgtat	cttcagctgg	1200
tgaacttgaa	acagaaaact	atgaaagaga	cagcttgcta	gcaactgttc	cagatgagca	1260
ggattgtgtt	actcaagaag	tgccagactc	ccgccaggca	gaaactgaag	ctgaagtga	1320
aaagaagaag	aacaagaaga	agaacaaaaa	ggtgaatggt	ctgcctcctg	aaatagctgc	1380
tggtcctgag	ctggcaaaat	actgggccca	gaggtacagg	ctcttctccc	gttttgatga	1440
tgggattaag	ttggacagag	agggtctggt	ttcagttaca	cccagagaaga	ttgtgaaca	1500
cattgctggc	cgtgttagtc	agtccttcaa	gtgtgacgtt	gtagtagacg	cattctgtgg	1560
agttggagga	aataccattc	agtttgcctt	aacaggaatg	agagtgattg	ccattgatat	1620
cgatcctgtt	aagattgccc	ttgctcgcaa	taatgcagaa	gtttatggga	tagcagataa	1680
aatagagttc	atctgtggag	atcttctgct	gctggcttct	tttttaaagg	ctgatgttgt	1740
gttcctcagc	ccaccttggg	gagggccaga	ctatgccact	gcagagacct	ttgacattag	1800
aacaatgatg	tctcctgatg	gctttgaaat	tttcagactt	tctaagaaga	tcactaataa	1860
tattgtttat	tttcttccaa	gaaatgctga	tattgaccag	gtggcatcct	tagctgggcc	1920
tggagggcaa	gtggaaatag	aacagaactt	ccttaacaac	aaattgaaga	caatcactgc	

00403451012400

```

atatttttgt gacctaattc gaagaccagc ctctgaaacc taactatgca gcagtgcgag 1980
gacaaaagat catggagtgg tcaaaatatt cagatgagac atttggcatg tcttccttta 2040
ttcactgata ttttctaccc atgggtcttat atcaccgtat gaaatggaaa cttacaggac 2100
ttaaatatca gtgaaatatt ttgagatctt tgaataattc ctttagagga attatacaaa 2160
attaatatat atgagtcct 2179

```

```

<210> 7453
<211> 631
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (210)...(454)
<223> similar to gi35184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7453
gtgtggtgga attcccgag aaggtgaaat tctgtgtgct ccctccggcg agagactttg 60
tcagctcccg cacagtaaca tcctgaataa agtcaaaact caaccaacag gtggaagtcc 120
aagaatccga gtggaggctc accgaggcga aggggccaac catgggaaag gagagtggat 180
gggactcagg cagggtctgt gtagcagctg tggtcggagg agttgtggct gtggggactg 240
tgctcgtggc gtcagtgcc atgggcttca cctcagtagg aatcgccgca tcctccatag 300
cagccaagat gatgtctaca gcagccattg ccaacggggg cggagttgct gctggcagtc 360
tggtggctat tctgcagtca gtgggggcag ctggactctc tgtgacatct aaagttatcg 420
ggggctttgc tgggacagct cttggggcct ggctgggttc acccccttcc agctgaacac 480
cacactgagg cagggagttg gctctcttgg tggagatgac tttcctgggc ctctggatga 540
caatcttcca aaggacaagt ctctactcc caaaactatt taaggaagca tgaaaaataa 600
agatgctggt tatcttctcc taaaaaaaaa a 631

```

```

<210> 7454
<211> 1855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(1439)
<223> similar to gi5912057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7454
catagagcaa gagtggacag aagcagggag tccccaggag gggacctcag gcatccaggg 60

```

```

agggtgagga gggacattac tttgtcagga catccaagac tcagtactca gcatgttgtg 120
ctcctgaggg aggatgaggt tggagatcca ggaaccaaag acctgggcca cccccagcat 180
ggcagtgcca tccaggagac acagagttag gtggtcaccg tggtcagtcc actcccaggg 240
agtgacatgg cagctttacc ggcttggaga gctacttctg ggctgacact ctggccccat 300
acagcagaag gcaggggatct gctgggagct gagaacagag ccttgactgg tgggcaacaa 360
gcagaggatc ccaccttggc ctcaggggct tatcagtggc ctggctctgt tgagaagctg 420
caagggtcag tatggtgtga tgctgagacg ctggtgagca gctcgaggac tgggtgggcag 480
gctcccccat ggctgacaga ccacgatgtg cagatgctcc gtctgttggc acagggggag 540
gtggtggaca aagccagggt ccccgcccat gggcagggtg tacaggttgg cttctccact 600
gaggctgccc ttcaggacct gtccctctcc aggctcagcc aactctgttc ccaagggtct 660
tgtggcctga tcaagaggcc tggggacctg cctgaggtcc tgccttcca cgtagatcgt 720
gtgctggggc tgcgcggag cctacctgt gtggcccgcc gcttccatag cccctcctg 780
ccctaccgat acacagacgg tggagcaagg cctgtcatct ggtggcgcc cgatgtgcag 840
cacctgagcg acccagatga ggatcagaac tctctggcct tgggctggct gcagtatcag 900
gccctgctgg cacacagctg caactggcca ggccaggccc cgtgcccggt catccaccat 960
accgagtggg cagccttggc gctcttcgac ttctgttgc aggtccacga ccgcttggat 1020
cgctactgct gtggcttcga gcctgagccc tcagaccctt gtgtggaaga gaggctccga 1080
gagaaatgcc ggaacccagc cgagctgcgg ctggtccaca tcttggtccg gagcagcgat 1140
ccatctcacc tgggtctacat cgataacgct ggcaaccttc agcaccctga ggacaagctg 1200
aactttcggc tgctggaggg catagatggg tttcctgagt ctgccgtgaa ggttctcgca 1260
tcagggtgtc tgcagaacat gctgctgaag tcgctgcaga tggaccaggt gttctgggaa 1320
agccaaggcg gagccagggt gctgaagcag gtccctccaga ccctggagca gcgaggacag 1380
gtgctgctgg gacacatcca aaagcacaac ctcacactct tcagggacga ggaccataa 1440
gccgcacaca gccctgagtc aatgagcatc catcctgatg gccacatttt cttgggctca 1500
ctcatcttga ggacaaatgg gaaaagccag aagccagagg ggcacaagga tgtcacggga 1560
tatttcacct gcctgggatg gtggaggtag tatggggttt tcaatctcaa agcgtccctt 1620
tctgccttct cggtctctggc tattttattcc cttgcaccaa caaatacatt cgaaaatgtt 1680
ctgtgagctg ctcaagaaac tgtaaaaatg tgtgatgcac gtgcatatgc agagtgggag 1740
aactttgtgt gtgtgtagag gtgtgtaggt gtgggtggca tgtgtgcccg cctgcatgca 1800
atacctgaga ccaacctaat aaaggtacaa tcttcataga actgcaaaaa aaaaa 1855

```

<210> 7455
 <211> 1083
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (162)...(897)
 <223> similar to gi4929667 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7455
gcgccaccg ttttaaccac gattggcgaa ggcgcgtcat ttcggagcga ctcagcgctt 60
gcccgcctc tcgcccgtc gccggtgctt gcgcctccc ctccacctcg cttcttctt 120
cccggccgag gcccggggga ccagagcgag aagcggggac catgttccga cgcaagttga 180
cggctctcga ctaccacaac cccgcgggct tcaactgcaa agatgaaaca gaatttagaa 240
acttcatcgt ttggcttgaa gaccagaaaa tcaggcacta caagattgaa gacagagggg 300
atttaagaaa catccacagc agcgactggc ccaagttctt tgaaaagtat ctcagagatg 360
ttaactgtcc tttcaagatt caagatcgac aagaagctat tgactggctt cttgggttag 420

```

```

ctggttagact tgaatatgga gataatgctg aaaaatacaa ggatttagta cctgataatt 480
caaaaactgc tgacaatgca actaaaaatg cagaaccatt gatcaatttg gatgtaaata 540
atcctgattt taaggctggt gtgatggctt tggctaacct gcttcagatt cagcgatcatg 600
atgattacct ggtaatgctt aaggcaattc ggatttttgt tcaggagcgc ctgacacagg 660
atgcagttgc taaggcaaat caaacaaaag agggcttacc tgttgcttta gacaaacata 720
ttcttggttt tgacacagga gatgcagttc ttaatgaagc tgctcaaatt ctgcatggtc 780
tgacacataga ggagctcaga gagctacaga caaaaatcaa cgaagccata gtagctgttc 840
aggcaattat tgctgatcca aagacagacc acagactggg aaaagttgga agatgaacac 900
ttgaggactt cagcttctca cctacttttag tacagtggg aaccatacac ttctggcatg 960
tttggaatc aaaatgtcac attctcgggg gaggaagccc agaaaattgg gtatgttcta 1020
gagatttacc accattgctt attgcttttt tctttaataa agtttaggaa agtaaaaaaa 1080
aaa 1083

```

```

<210> 7456
<211> 1667
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1054)...(1176)
<223> similar to gi4200220 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7456
ggaagtgcct ggccacagtc gcagccccgg cgccccgaag cgggaaaaag gctgggtgcc 60
gccgtcccc agctgcgcaa ccctaggaac tctcgatca acctggatgc cttccttcac 120
aataatctca tggaggtaat ttaaagaatc ctttttttg agagttagag agaaaagcaa 180
aaaaaaagag catgaggaat ttgaagactg agagatgagt tgtgtagcac caacattttc 240
tttctgcctg accttcatac ctgatgaatt aaaagggcaa taattaaggt ggaatttgcc 300
tcacatgaag ttttattatt ttagttatta aaatagtttc caacactact gagaagcaaa 360
aagcaattct cggtgtttta agaacatagg atgtttggaa gagttagata agggacacat 420
tgaaaacaga gaggcaatct gaaggctacc ttgacgcac tgcaaagctc ccagattctg 480
actttcacia gacttgcttt ctgtttctgg gcctcgccca aacagactgc cagtcatccg 540
aaccgtggca ggatggagat gtttgtgtaa ggtagactca agtttgcaag actcaagaag 600
taaaccacca aactaatttt actttcactt aaaccagatt gaaaccaaga cttgaagaat 660
taaaaacttt gacattaacc attgattcac tccaatgaaa taattgtgtt atagccagaa 720
tcatggtgaa attggaacaa ggcttttgat gggattttta attgagggac ttatattaaa 780
ttggatattt tctttaatga acagcatgtg gccaaaattc tattttcatt aaagtatatt 840
aagcatcatg acaactcata ttaaacctgc aacaaatgat taatgacatt tagagacttc 900
aaatgtcatg agacacctta aatattaaga atcaaaaaga acacctcaaa gttgttttcta 960
ttcttagtaa ttatgcttaa aaaaaaatct ttccttgctt tgaaagccag ttgctaaaaa 1020
taaaaactgt tccatgaaaa atcacaatgc ccaatgataa atttatgtat ttgtttttta 1080
aagggggagg atggtgagaa aaatagaaaag ctccctggctg acatcagagg tcacaagatg 1140
agttcctcat ttgtccaaat gacattcagc tgctaaaaga agtcagactt cttttacagg 1200
gctgttgaag agacagtaag tcaggagggt ttcaatacat gactgcaggg gaatcagaca 1260
caggctagtc acttaagttg ctttaattgtc cgtgtaccct tagcccacga cttcaggggc 1320
tcagcagctt catccttcat ggcaccaaac cttgacgtaa gggattcaaa gacacactca 1380
taagaatcgt gaatttgtcc tcatgcaaaa ttgggggac tggcctacaa aaccgaaaca 1440
aggagatcgt atcccctaag tgaaagggac ttttatatta ttgtcagtta taacaatatg 1500

```

```

taaaatacat aaaagagata gagcactgca ggccatcaag gtcaaacatt tgaaacagaa 1560
ttaaactaaa ttataaggag gattaaatgg cttttgtctt tgtaaagaaa agaatatgca 1620
tgcattgatt gcctatgtag aaggattaat aaatcttttg gcatggt 1667

```

```

<210> 7457
<211> 532
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (102)...(415)
<223> similar to gi914899 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7457
cttttccac gtggtgaatg ccctggagtt gtgaggggtgt gagggtcgcg ttcctgctgt 60
ctggactttt tctgtccac tgagacgcag ctgtgtgaaa tatgatttgg cgaggaagat 120
caacatatag gcctaggccg aggagaagtg taccacctcc tgagctgatt ggcctatgc 180
tggagcccg tgatgaggag cctcagcaag aggaaccacc aactgaaagt cgggatcctg 240
cacctgggtca ggagagagaa gaagatcagg gtgcagctga gactcaagt cctgacctgg 300
aagctgatct ccaggagctg tctcagtcaa agactgggga tgaatgcgga gatggctctg 360
atgtccaggg gaagattctg acaaagtcag agcaatttaa aatgccagaa gggaggtgac 420
aggcaaccac aggttttaaat gaagacaagc tgaaacaaca caaaactgtt tttatctaag 480
atatttgact taaaaatatc gaaataaact tttgcagctt tctccgaaaa aa 532

```

```

<210> 7458
<211> 1116
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (669)...(738)
<223> similar to gill43540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7458
ttttttggga ttttgcaaca tttaatcaaa aaagaatctg gcatcttaaa agttaggttt 60
acaaacttga cacattctca atattagcaa tttatctatt taaacattgt ctaagaaaat 120
atgatctatg aagacattaa tacattaata agatacttaa gagttcatta taagctacaa 180
cactttgcaa ataagtatcc agtttaattg taacaaacca caatttgtga gcaaatttaa 240
gaatataaaa aacattaatt agttaataac aattctctgg gaatatacat tatacctaca 300

```

```

gctgttttta cagtgaagat cttccttttt ttttcctttt aattatcaaa atggtaaadc 360
actgtatggg cctggatctc catgctataa aactgaaata tgtatttcca gcgtagcaga 420
tggtgaccag gaaggcaaaag aacgatgagg ccgcccagct gttgaagttg tgactgtccc 480
tctcagggga gacggaagat gcatctacaa cagcggcaga gaggtacaag acgaaggcac 540
tgccgtttaa gcacaggccc actgttgctc agggcacctg gggaatcctg gtgtagggtca 600
ttgttatgta gataatgagg aagaagacgg tgaggaccca gtaaaatata gctacaaaca 660
tgaccagacc aatgcccggg acccggaagt actcagttcc agcaataagc gtccatacca 720
gcagccccag aacgatctcg gccacgatga ggaagccggg caggggtgcgg aggaactccc 780
ggtcgtaggc gaagctgctg ctgctgggat ggacgcttat tgctggaact gactacttcc 840
gggtccccgc atttggtctg gtcattgttg tagctgtatt ttactgggtc ctcaccgtct 900
tcttcctcat tatctacata acaatgacct acaccaggat tccccagggt ccttggaaca 960
cagtgggcct gtgctttaac ggcagtgctc tcgtcttgta cctctctggc gctgtgttag 1020
atgcatcttc cgtctcccct gagagggaca gtcacaactt caacagctgg gcggcctcat 1080
cgttctttgc cttcctggtc accatctgct acgctg 1116

```

```

<210> 7459
<211> 2093
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (247)...(1875)
<223> similar to gi4884154 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7459
cccacgcgtc cgtccaaggt caaggtgccg cacaccttcc tcatccacag ctatacacgg 60
cccaccgttt gccaggcttg caagaaactc ctcaagggcc tcttccggca gggcctgcaa 120
tgcaaagact gcaagtttaa ctgtcacaac cgctgcgcca cccgcgtccc taatgactgc 180
ctgggggagg cccttatcaa tggagatgtg ccgatggagg aggccaccga tttcagcgag 240
gctgacaaga gcgccctcat ggatgagtca gaggactccg gtgtcatccc tggctccac 300
tcagagaatg cgtcccacgc cagtgaggag gaggaaggcg agggaggcaa ggcccagagc 360
tccctggggt acatccccct aatgagggtg gtgcaatcgg tgcgacacac gacgcggaaa 420
tccagcacca cgtgcggga ggggtgggtg gttcattaca gcaacaagga cacgctgaga 480
aagcggcact attgggcctt ggactgcaag tgtatcacgc tcttccagaa caacacgacc 540
aacagatact ataaggaaat tccgctgtca gaaatcctca cgggtggagtc cgcacagaa 600
ttcagccttg tgccgcccgg caccaaccca cactgctttg agatcgtcac tgccaatgcc 660
acctacttgc tgggcgagat gcctggcggg actccgggtg ggccaagtgg gcagggggct 720
gagggcgccc ggggctggga gacagccatc cgcaggccc tgatgcccgt catccttcag 780
gacgcaccca gcgccccagg ccacgcgccc cacagacaag cttctctgag catctctgtg 840
tccaacagtc agatccaaga gaatgtggac attgccactg tctaccagat cttccctgac 900
gaagtgtggt gctcagggca gtttgagtg gtctatggag gaaaacaccg gaagacaggc 960
cgggacgtgg cagttaaggt cattgacaaa ctgcgcttcc ctaccaagca ggagagccag 1020
ctccggaatg aagtggccat tctgcagagc ctgcggcatc ccgggatcgt gaacctggag 1080
tgcatgttcg agacgcctga gaaagtgtt gtggtgatgg agaagctgca tggggacatg 1140
ttggagatga tcctgtccag tgagaagggc cggctgcctg agcgctcac caagttcctc 1200
atcaccacga tcctggtggc tttgagacac cttcacttca agaacattgt ccactgtgac 1260
ttgaaaccag aaaacgtgtt gctggcatca gcagacccat ttcctcaggt gaagctgtgt 1320
gactttggct ttgctcgcat catcggcgag aagtcgttcc gccgctcagt ggtgggcacg 1380

```



```

gggtccctc ggggtccttc cgccgctgct gccggtgctt gcgagccgag aagtcggcag 1560
cctccagcag ctgcgccgcc tcagagccca tcgcgcggat ggggccgacg actgcggccg 1620
c 1621

```

```

<210> 7461
<211> 2136
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2056)...(592)
<223> similar to gi4895039 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

0948225 "013100

```

<400> 7461
tttcgtctct ctggaggagg ctgggctgcc gggcctgtcc tccaaggaag aagcagcacc 60
aacttgaagc tggatgcagc cttgcatgtg ttctcaggte ttctgcctca gtttccctgc 120
ctgacaatcc aggggagcaa tgccctgtgg gctgctcact gccccagac cttctgcaca 180
tgtgtgactc ctgtgacatc atctgtctcc aggtttccag acttctcagc cccacccttg 240
cagcagcagg tcagcctggc ttttagaaaag agaattttat ttggaatgaa aatatagagc 300
ccaccctccc gectcctctg gggaggaggc agagggtggt gcagtggctg gggagatggg 360
ccctcagagg tcgaggagct cgcctgggag tagacatcct ccacaggaac agtgaggaaa 420
gctgggcgct ggcttcggcc tgggcctggg acgggtgggg gtgggaactg acccctgcgc 480
tgccctcagag gctctgggca gccagctagc ccggtgcgac ccgctggcag aagctgagtg 540
ggaagggggc ggccgaggag atgaagggtg cgtgtggctg tggccctacg catccccgtt 600
ctccatgcgg cccagctgct cctccaggcg gcagatgcgg tcgccctgct ccttgaccag 660
cgccctcagg gcccgagct cctgcacac ctccctcagc ttcccagcct ccccggtctt 720
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gtgggaggag cccggggcca tggcgggccg gctgtcagac aacacgttgc gccggctgat 840
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ggggtacaga tcctcctgga agagggtccga ctttcttggc acagtcatga cgatgggctc 1020
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ccgcttgggc atgctgccc taacccgctg cggctccttg ctggtgaacg tgttcaggaa 1140
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gttccagctg acattgtaga tgaggtcagg gtgcaggctg tccaggcggt acagctcctc 1560
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ggggttgacg gcgcagaagg tgctgtccca ggtaacacgg gacacgcgaa tgtcctcata 1980
gcactggtcg ttcttgaccg gctgcccga ccatgccgg aatttgctct gccggaccac 2040

```

```

tttgcggaag gacatgtcgg gggcaccggg ggcgacgggg gctgcggcac cggcttcggg 2100
cggctccgga tcccggcctc tgggaagcag gaagca 2136

```

```

<210> 7462
<211> 1856
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (81)...(1463)
<223> similar to gi2865163 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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09483725.014100

```

<400> 7462
ctgatagccc tcggaaccgc ttcgaaatcc tcggtagacc cacgcgtacg cccacgcgtc 60
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cctcgcacat gccaaagtca ggggctccca aagagcgcgc tgcggagcct ctcacccttc 180
ccccatccta tggccaccag ccacagacag ggtctgggga gtcttcagga gcctcggggg 240
acaaggacca cctgtacagc acggtatgca agcctcggtc cccaaagcct gcagccccgg 300
cgccccctcc attctcctct tccagcgggtg tcttgggtac cgggctctgt gagctagatc 360
ggttgcttca ggaacttaat gccactcagt tcaacatcac agatgaaatc atgtctcagt 420
tcccattctag caaggtggct tcaggagagc agaaggagga ccagtctgaa gataagaaaa 480
gaccagcct cccctccagc ccgtctcctg gcctcccaaa ggcttctgcc acctcagcca 540
ctctggagct ggatagactg atggcctcac tctctgactt ccgcgttcaa aaccatcttc 600
cagcctctgg gccaaactcag ccaccgggtg tgagctccac aaatgagggc tccccatccc 660
caccagagcc gactggcaag ggcagcctag acaccatgct ggggctgctg cagtccgacc 720
tcagccgccc ggggtgttccc acccaggcca aaggcctctg tggctcctgc aataaaccta 780
ttgctgggca agtggtgacg gctctgggccc gcgcctggca ccccgagcac ttcgttttgcg 840
gaggctgttc caccgcccctg ggaggcagca gcttcttcga gaaggatgga gcccccttct 900
gccccgagtg ctacttttgag cgttctcctc caagatgtgg cttctgcaac cagccccatcc 960
gacacaagat ggtgaccgcc ttgggcactc actggcacc agagcatttc tgctgcgtca 1020
gttgcgggga gcccttcgga gatgaggggt tccacgagcg cgagggccgc ccctactgcc 1080
gccgggactt cctgcagctg ttgcccccgc gctgccaggg ctgccagggc cccatcctgg 1140
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gcttcgcgcc cttctcgga ggcagctttt tcgagcacga gggccgcccg ttgtgcgaga 1260
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gctgcgtgtc ggcctgggt cgccgcttcc acccgga cttcacatgc accttctgcc 1380
tgcgcccgt caccaagggt tccttcagg agcgcgcgg caagccctac tgccagccct 1440
gcttcctgaa gctcttcggc tgacagccc ctcggctcgc cgtctcccc ggaggccgcg 1500
ccctcccga aaagccgggt cctccagacc ccgagggcct tgctctcaga gcgggagggc 1560
ccaccactg gagagccccg cccctaaggt actatgagtc ctcaggggtc aagttcagaa 1620
acggcccagc cagacctaaa cccacagcc cacaaagtgg attgcacaca gacaagaact 1680
cccgctcggg cctccactct attccacccc ttgagggagc ccccttactg ggggagggtc 1740
cttgcaattc cagcgaatcg gaggccaggc caggacgtcc ttgctccctg caccctcact 1800
gttctgtgca ctttttctac ctacataaac acacgcattc cacctcaaaa aaaaaa 1856

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<210> 7463
<211> 2887
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(999)
<223> similar to gi5882722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7463
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gggggtcttg cggtgtctct ccgccttcct gcccggccgc ttctaccaag cgctggacga      180
ccggctctac tgcgctctacc agagcatggt gctcttcttc ttcgagaatt acaccggggt      240
ccagatattg ctatatggag atttgccaaa aaataaagaa aatataatat atttagcaaa      300
tcatcaaagc acagttgact ggattgttgc tgacatcttg gccatcaggc agaatgcgct      360
aggacatgtg cgctacgtgc tgaagaagg gttaaaatgg ctgccattgt atgggtgtta      420
ctttgtcag catggaggaa tctatgtaaa gcgcagtgcc aaatttaacg agaaagagat      480
gcgaacaag ttgcagagct acgtggacgc aggaactcca atgtatcttg tgatttttcc      540
agaaggtaca aggtataatc cagagcaaac aaaagtcctt tcagctagtc aggcatttgc      600
tgcccaacgt ggccttgtag tattaaaaca tgtgctaaca ccacgaataa aggcaactca      660
cgttgctttt gattgcatga agaattattt agatgcaatt tatgatgtta cgggtggtta      720
tgaagggaaa gacgatggag ggacgcgaag agagtcaccg accatgacgg aatttctctg      780
caaagaatgt ccaaaaattc atattcacat tgatcgtatc gacaaaaaag atgtcccaga      840
agaacaagaa catatgagaa gatggctgca tgaacgtttc gaaatcaaag ataagatgct      900
tatagaatth tatgagtcac cagatccaga aagaagaaaa agatttcctg ggaaaagtgt      960
taattccaaa ttaagtatca agaagacttt accatcaatg ttgatcttaa gtggtttgac     1020
tgcaggcatg cttatgaccg atgctggaag gaagctgtat gtgaacacct ggatatatgg     1080
aaccctactt ggctgcctgt ggggttactat taaagcatag acaagtagct gtctccagac     1140
agtgggatgt gctacattgt ctatttttgg cggctgcaca tgacatcaaa ttgtttcctg     1200
aatttattaa ggagtgtaaa taaagccttg ttgattgaag attggataat agaatttgtg     1260
acgaaagctg atatgcaatg gtcttgggca aacatacctg gttgtacaac ttttagcatg     1320
gggctgctgg aagggtaaaa gctaaatggg agtttctcct gctctgtccc aatttcctat     1380
gaactaatga caacttgag aaggctggga ggattgtgct attttgcaaa gtcagatggc     1440
tgcatthttg agccattaat ttgccagcgt atttcacttt ttctgttatt ttcaatttat     1500
tacaacttga cagctccaag ctcttattac taaagtatth agtatcttgc agctagttaa     1560
tatttcatct tttgcttatt tctacaagtc agtgaaataa attgtattta ggaagtgtca     1620
ggatgttcaa aggaaagggg aaaaagtgtt catggggaaa aagctctgtt tagcacatga     1680
ttttattgta ttgcgttatt agctgatttt actcatttta tatttgcaaa ataaatttct     1740
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tgagaacgaa gtttaaaatt gtgactctga ttcattatag cagaacttta aatttcccag     1860
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cttggttgga cccaagttc acaagattht taaggtgatg agagcctgca gacattctgc     2040
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agaagtcgcy tttctgtagt gtggtggatt cccactgggc tctggtcctt cccttggatc     2160
ccgtcagtgg tgctgtcag cggttgacac gtagacttgc taggaagaaa tgcagagcca     2220
gcctgtgctg cccactttca gagttgaact gttaagccc ttgtgagtgg gcttcaccag     2280
ctactgcaga ggcatthtgc atttgtctgt gtcaagaagt tcaccttctc aagccagtga     2340
atacagact taattcgtca tgactgaacg aatttgttta tttccatta ggtttagtgg     2400
agctacacat taatatgtat cgccttagag caagagctgt gttccaggaa ccagatcacg     2460

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094837E.04100

```

atTTTTtagcc atggaacaat atatcccatg ggagaagacc tttcagtgtg aactgttcta 2520
TTTTTgtgtt ataatttaaa cttcgatttc ctcatagtcc ttttaagttga catttctgct 2580
tactgctact ggattttttgc tgcagaaata tatcagtggc ccacattaaa cataccagtt 2640
ggatcatgat aagcaaaatg aaagaaataa tgattaaggg aaaattaagt gactgtgtta 2700
cactgcttct cccatgccag agaataaact ctttcaagca tcatctttga agagtcgtgt 2760
ggtgtgaatt ggtttgtgta cattagaatg tatgcacaca tccatggaca ctcaggatat 2820
agttggccta ataatcgggg catgggtaaa acttatgaaa atttcctcat gctgaattgt 2880
aattttc 2887

```

<210> 7464

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(2453)

<223> similar to gi4689221 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7464

```

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cggggcgggt ccccgcgcc cggcacggac accgagcggg ggccatccgg gagctgatga 180
tcatcttttg agggggaaat gagggcatcg cggatgagct gcacgtctac aacacggcta 240
cgaatcagtg gtttctgcc gctgttagag gagatatccc tccaggctgt gctgcccatg 300
gatttgtctg tgatggtacc agaatttag tatttggggg aatggttgaa tatggaagat 360
acagcaatga gttatatgag ttacaagcaa gtcgttgggt atggaaaaaa gtgaaacccc 420
atccccctcc ttctgggtta cctccttgtc ctccggcttg acatagcttc tctttatatg 480
gtaacaaatg ctatttgttt ggtggcctgg caaacgaaag cgaagattca aacaataatg 540
ttcccagata tttaaatgat ttttatgagt tggagctaca gcatggctct ggtgttgtg 600
gttggagcat tccagtgaact aaaggggttg tgccttctcc aagagaatcc cacacagctg 660
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caaaaaactga acagccagcc acaaaagaaa cttcaatgaa aaacaaacca gactttaaa 1440
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ctgtttccag cacacaaact atggtaaccc agcagaccat taaaactgaa tcatccagta 1680
caaatggggc agttgttaaa gatgaaactt cactaacaac attcagtacc aaatctgaag 1740

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ttgatgaaac	atatgcactg	cctgcaacga	agatcagccg	tgtagagaca	catgctacag	1800
caacgccgtt	ttctaaagag	actccttcaa	atccagtggc	cacagtgaaa	gcgggagAAC	1860
gacaatggtg	tgatgtggga	atttttAAAA	ataatacagc	tttggtgagc	cagttttatt	1920
tgctgccaaa	aggggaagcaa	agcatctcaa	aggtaggaaa	tgcagatgta	cctgactaca	1980
gcttgcttaa	gaaacaagat	cttggtccag	gcacaggata	cagattcagg	gttgctgcaa	2040
tcaatggttg	tgggataggt	cctttcagca	aaatcagtga	atttAAAact	tgtattcctg	2100
gttttcctgg	agctccttct	gcagtcagaa	tttcaaagaa	tgttgaaggt	atccaccttt	2160
cctgggaacc	tccaacctca	ccttctggaa	atatttttga	atattcagcc	tacttggtta	2220
tccgcacagc	acagatacaa	gataatccaa	gtcaacttgt	gttcatgagg	atttattgtg	2280
gtcttaagac	atcatgtata	gtaactgctg	ggcaacttgc	aaatgcacat	attgattata	2340
catccaggcc	tgccattgtg	ttcaggatat	cagcaaagaa	tgaaaaggga	tatggaccag	2400
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<210> 7465
 <211> 4651
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (29)...(474)
 <223> similar to gi307140 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aagattggga	atggatggct	acagggggaat	cagcctagca	aactggatgt	gtttggccaa	180
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gtgttagcca	ggatggtctc	gatctcctga	cctcgtgatc	cgcccgctc	ggcctcccaa	1020
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agtaacgtag	ttgtttatta	tcaagtatgt	actgtacata	attgtatatg	ctagactttt	1440
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acctcgtgat	ccgcccgcct	cggcctccca	aagtgcctgg	attacaggcg	tgagccaccg	1920
cgcccggcca	aaattgccta	aattttttaa	atcctaaatt	ggtgttgaat	tttgtcaaat	1980
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tttggttgtg	atgttttatt	cattctatatt	cgtgctgaat	tcagtttgct	aatattttgt	2160
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aacaaatgca	cacaacttaa	agtccagttc	tatgaatttt	gactaatgta	taaacctgtt	2520
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catttacctt	cagtacctat	ccctacccca	gccacaggca	acaaatgatt	ttcatgtgct	2640
tatttgccat	ctgtatacct	ctttggttag	ttttctgttt	atatcttttg	cccattttatt	2700
tttttaattt	ttagaaacag	agtcttacta	tgttgcccag	gatagactca	aactcccgga	2760
ctcaaaggac	ccttccctct	cggcctccca	aagtgcctgg	attacaggca	cacactacta	2820
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ctgtaggata	ttctaccttt	cctagaattt	catgtaaatg	gactcagaca	tactgttgtg	2940
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gtttattcat	tctcctgttg	atggaatatt	ggttgtttcc	agtatttagc	tattattatt	3120
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agtggcgcaa	tctcggctca	ctgcaagctc	tgcttcccg	gttcacgcca	ttctcctgcc	3240
tcagcctccc	gagtagctgg	gactacaggc	gcccggccacc	gcgcccggct	aatttttttg	3300
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catgatccac	ccgcctcggc	ctcccaaagt	gctgggatta	caggcgtgag	ccaccacgcc	3420
cggctgcaaa	taatctttct	ttttttctga	gacagagtct	cgctctgttg	cccaggctgg	3480
agtgcagtgg	cacgatctcg	gctcacggca	cgctccgcct	cccgggttca	cgccattctc	3540
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cttgtgtttt	tagtagagac	ggggtttcac	cgtgttagcc	aggatggtct	cgatctcctg	3660
accttgatgt	ctgcccgcct	cggcctccca	aagtgcctgg	attacaggcg	tgagccaccg	3720
cgcccggcca	gggatgtcat	tttttataac	tagccataaa	ctttagcttt	gaagtaaaac	3780
tatttctagc	aagtgattct	tacctgatat	tttttgttgt	tcttgcccat	atttttaattg	3840
ggttggtgta	ttatggttct	ctatgtattc	tagatttaag	tttttgata	tggtgtgagg	3900
caagtgtcaa	gtttaatttt	ttttctacaa	acatcctggt	gttccagtac	cttttgatga	3960
taagactgtc	ttttcccca	ttgaattatc	ttaacgcctt	catgaaaagc	aattggccat	4020
atgtatgtgg	atctactttt	ggactctcaa	ttctgttcca	gtgatttata	tgtccaccct	4080
tatgtcaata	ccacattatt	ttgattattg	ctgctttata	gtaagtgaca	tcattgttgc	4140
tgaaatcacg	ttttccacct	ttattcttct	gttgatgggt	gctttggcaa	ttaggggtcc	4200
tttgcatttt	cgtagacatt	ttagaatcaa	cttatctatt	gctactaaaa	atgcttgatt	4260
gggattgtgg	taaatctaga	aactaattta	ggaagaatgg	tcatattaac	agtttcaagt	4320
ttcagatcca	tgagcatatt	ttcactctcc	attaggtctt	ttaaaattta	tcctagcagt	4380
gttttatggt	ttttactgta	gaggtcttac	acattttggt	acattttgtg	ctatgtgttt	4440
gacctttttt	gatactagt	taaatggaaa	ttttttcttt	tatgttctag	ttgttcatta	4500
ttacactaaa	tcattctttg	gtgactacta	aacattctat	tgaataattg	tgaatggcgt	4560
gaacccggga	ggcggagctt	gcagtgaacc	gagatcccgc	cactgcactc	cagcctgggc	4620
gacagagcga	gactccgtct	caaaaaaaaa	a			4651

<210> 7466
 <211> 1598
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (340)...(513)
 <223> similar to gi4929491 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7466
 gcacgagggg gtgccagtag agatgaaagc accccaatcc gtctcctcca gttcttttagg 60
 tttaatcaca tctctccaat cgccgagggg actggagatt taaacaaaca tacgtgaact 120
 ggtgtgaagc tgtaaaaggg accattatgt ttccgattca gaatatatat tcttctctca 180
 ctttctaaga attaaacaca agctttttctc ccttattgat tagttgctga agtaaaggaa 240
 ccctgcagcc ttcccatgct atctgttgac atggaaaaca aggaaaatgg ctctgtcggg 300
 gtaaaaaatt ccatggaaaa tgggagacca cctgatcctg cagactgggc cgtgatggat 360
 gtcgtcaatt atttccgaac cgtgggattt gaggagcaag ctagtgcttt tcaggaacag 420
 gaaattgatg gaaaatccct gctattgatg acaagaaatg atgtgttgac aggacttcag 480
 ttaaaattgg ggcctgctct gaaaaatctac gaatatcatg taaaacctct gcagacaaaag 540
 catttaaaga acaactcttc atagtacagt caaattgggg tcttcgacct caaaaaata 600
 cataatgaca taatttagtt tcatgtaatg aaactttgta aacagaatac atacatgtgt 660
 atatgtaaag aatttcaatc aaatgaaacg ttatcctatt ggatagacta ggcaattcat 720
 cagctcacct gaaatcagcc aggaggagca aggacaagat gcgcacaggg tggttttcct 780
 catggatttt gtcaaataga tgatctttga cacgattaga cactcctccc caciaaggct 840
 ttgaaatcat aaggattttc ctcactctctt tatagctttc ccaaaatctt ttaaaaaaga 900
 atttaattaa atgacagtct tttggttaca gacttaggat gagtaaaaac aagaaaattt 960
 ggggaggggg agaaagaaga aagggtattg tgtctccctt gaattcctct gttccttaga 1020
 gcttgtgtta cttggacgga attgccaaca ccctttttta tagagggttc tccacttgac 1080
 cttattaagg ttttattggg atatgctgca gtgtttgaaa tgaacatgca tcatggcccc 1140
 ttcaggagca gaatcatagc tctgaaaaga gaagctccgt tgtgtactga ggatatccat 1200
 ccatattcag ctagctttca aatggggtaa tgatattttc tgcatagatt ttcttttaaa 1260
 ttggttcttt gtttctgaag aaagaatttt ttttaacttc atggttttat ttataataat 1320
 ttgtttctga agaaatttgc cgagagttac aggtcaaaaa gccttggtac tagtacagaa 1380
 tatttttata tatattcctt catgatggtg taattttttt taattgtcct atgctttgtt 1440
 cggttcctgg gttaagtact tgtttttaag agcttggaag aagtgggctt gctacatctc 1500
 tgttcaaaga gacatttggt caatctctgt gtgtcaacgc cttgttgaat tgggtgctttg 1560
 tggttgcaat aaagcattgc ttcagtttaa aaaaaaaa 1598

<210> 7467
 <211> 1121
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (177)...(944)
 <223> similar to gi4468307 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7467
gaagtttatac aggaaaggag cttaaaagag aaccaaattc agcctgtgtt ggaactctca 60
gtcccagagg ggtgtggttt gtagctctcc ggcctgctgt tggacttagg ctgtgaccca 120
cagaaggacg ccagaaagta ctcaagacat tcacggtgcc ccggtcagca ctcgccatga 180
cgaagacttc tacatgcata taccacttcc ttgttctgag ctggtatact ttcctcaatt 240
attacatctc acaggaagga aaagacgagg tgaaacccaa aatcttggca aatggtgcaa 300
ggtggaaata tatgacgctg cttaatctgc tcttgacagac cattaagtcc ctaactgcct 360
gcctggatga tgtgctgaaa agaaccaaag ggggaaaaga cattaagtcc ctaactgcct 420
tcagagacct gcttttcacc actctggctt ttcctgtatc cacgtttgta tttttggcat 480
tctggatcct ctttctctac aatcgagatc tcattttacc caaggtccta gatactgtca 540
tccccgtgtg gctgaatcat gcaatgcaca ctttcatatt ccccatcaca ttggctgaag 600
tcgtcctcag gcctcactcc tatccatcaa agaagacagg actcaccttg ctggctgctg 660
ccagcattgc ttacatcagc cggatcctat ggctctactt tgagacgggt acctgggtgt 720
atcctgtgtt tgccaaactc agcctcttgg gtctagcagc tttcttctct ctcagctacg 780
tcttcatcgc cagcatctac ctacttggag agaagctcaa ccactggaaa tgggtttctg 840
ttcagatctt gcaaagatgg aggctagaat ctggttgaat ctgcttccag tggcccgtatt 900
ggaagtcacc agccaagcac caactggtca agaatatcag gtgaaatcag agggctataa 960
aaatatttct agcccttgct actatctgac agcagttaaa ggaataaaac aagtcgggggt 1020
gaatctaact tcctatctgc caactaggat actttctact gggaaaaaatg cttctcaatc 1080
aagaaaaatat ttataataaa cataattttc caattacaaa a 1121

```

<210> 7468

<211> 2329

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (121)...(1139)

<223> similar to gi4929641 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7468
ggagccgggg cagtgcgggt ctgggctggc cgaaggggtg gcgctgcgat cccgcagggc 60
agcgacgcga ctctggtgcg ggccgtcttc tccccccga gctgggctgt cgcggccgca 120
atgaactggg agctgctgct gtggctgctg gtgctgtgcg cgctgctcct gctcttgggtg 180
cagctgctgc gcttctgag ggctgacggc gacctgacgc tactatgggc cgagtggcag 240
ggacgacgcc cagaatggga gctgactgat atggtggtgt gggtgactgg agcctcgagt 300
ggaattggtg aggagctggc ttaccagttg tctaaactag gagtttctct tgtgctgtca 360
gccagaagag tgcattgagct ggaaaggggtg aaaagaagat gcctagagaa tggcaattta 420
aaagaaaaag atatacttgt tttgccccct gacctgaccg acactgggtc ccatgaagcg 480
gctaccaaag ctgttctcca ggagtttggg agaatcgaca ttctgggtcaa caatggtgga 540
atgtcccagc gttctctgtg catggatacc agcttggatg tctacagaaa gctaataagag 600
cttaactact tagggacggt gtccttgaca aaatgtgttc tgctcacat gatcgagagg 660
aagcaaggaa agattgttac tgtgaatagc atcctgggta tcatatctgt acctctttcc 720

```

```

attggatact gtgctagcaa gcatgctctc cgggggttttt ttaatggcct tcgaacagaa 780
cttgccacat acccaggtat aatagtttct aacatttgcc caggacctgt gcaatcaa 840
attgtggaga attccctagc tggagaagtc acaaagacta taggcaataa tggagaccag 900
tcccacaaga tgacaaccag tcgttggtgt cggctgatgt taatcagcat ggccaatgat 960
ttgaaagaag tttggatctc agaacaacct ttcttgtag taacatattt gtggcaatac 1020
atgccaaact gggcctggtg gataaccaac aagatgggga agaaaaggat tgagaacttt 1080
aagagtgggt tggatgcaga ctcttcttat tttaaaatct ttaagacaaa acatgactga 1140
aaagagcacc tgtacttttc aagccactgg agggagaaat ggaaaacatg aaaacagcaa 1200
tcttcttatg cttctgaata atcaaagact aatttgtag tttacttttt aatagatatg 1260
actttgcttc caacatggaa tgaaataaaa aataaataat aaaagattgc catgaatctt 1320
gcaaaaaagg tattaactca tactatatct ttggataaaa taacctttta aaatacttta 1380
gcacatatgc ttaaaatcta agttaacaga tttgtcttag tccatttggt ttgctataac 1440
aaaataccac agatttggtg atttataaac aacagaaatc tgtttttcct ggctcttgag 1500
gctgggaatt ccaagaccaa tgcaccagca gaattagtg ctggtgaagg ctgatctctg 1560
cttccaagat ggcacctcat tgcctgcatc tccacagtgg aggaatgtat gtcctcacat 1620
ggtggaaggg acagaaggga aagaggagca aaatgctttc aaaagagcat ttaatctcat 1680
tcattactca gtcacctctt aaaggccac atccctttaa tactgttgcc tttggggatt 1740
aagtttcgac atgaattttg gaggggacaa aaacatccaa accatagcaa cataaatgta 1800
tagaatattt cacacaaagc agagtgcctg ggtaatgacc agatataaag aagtatttga 1860
aatgacctta cctccaagat gcttatactc ttagaaaagt tgacaggtag agatggctgt 1920
aatttgaagc agcaggtagg attcattgca cctattattc attaaacacc tgttgtagtg 1980
cttctactgt actggagtgc ttagtattag ttaattaact cattcctcat aacagcccac 2040
taagatagat ggtattacct accttgatag atgaagaaag accaacaagg ttttactttt 2100
ccaaggtcaa ggtcacaaag ctagtaaggg gtaaagccat gattagattc agctcaggaa 2160
gattccactg gcaactcctt acttctacta ttattaattt tactttaaca tttaacacct 2220
tacagcagaa aacatgcaca ggcactaata ggaaatcagc aggagtaaca ggtaaagaaa 2280
aacatgggtc ttatctacaa gcagttcaca attgagctgg agccaaagg 2329

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<210> 7469
<211> 1004
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (363)...(485)
<223> similar to gil333846 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7469
gcacgagaag gaagtgcttt tgaatgaggt actgagggcc aaggtggttg aagttcctaa 60
ttctttcctc ggttaactgt gaaactctgc gtattgggaa ggcctggcct cagtcctcag 120
gccaggagag gtactggacg ccgcgcacgc actcgtctgc cagcgaggcc caaaggggaa 180
gcttagcgga gctcaatgtg gcagctgctg gcctctgggc cgactgtgat caaccactct 240
atgattgtcc tatgtgtggg ctcatatgta caaattacca tattcttcag gaacatggtg 300
acttgcattt ggaagaaaac agctttcagc aaggcatgga tagagtccag tgttctggtg 360
atctacaatt ggctcaccag cttcagcaag aagaagacag aaagaggaga tctgaagaat 420
caagacaaga aatagaagaa tttcagaagc tgcagagaca atatggttta gataattctg 480
gaggatacaa acaacaacaa ctacgaaata tggagataga agtaaatagg ggaagaatgc 540
ctccatctga atttcatagg agaaaagctg atatgatgga atcattagct cttgggtttg 600

```

acgatggaaa	aacaaaaact	tccggaatta	ttgaagcact	tcataggtat	tatcagaatg	660
ctgccacaga	tgtgagacgg	gtgtggcttt	cttcagtgg	ggatcacttt	cattcatctt	720
taggcgacaa	agggtgggg	tgtggttaca	gaaatttcca	aatgctactt	tcatcattat	780
tacaaaaatga	tgcttacaac	gattgcttaa	aaggatgtt	gattccttgc	attccaaaaa	840
ttcaatctat	gattgaagat	gcatggaagg	aaggttttga	tcctcagggg	gcctctcaac	900
ttattatcag	gttacaggga	acaaaggcct	ggattggagc	atgtgaagta	tatatactcc	960
tgacctctct	aagggtttag	tgtcatattt	gttgattttc	actg		1004

<210> 7470
 <211> 1112
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (79)...(423)
 <223> similar to gi471243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7470						
caatcttgc	tctccaatc	tccgctcctc	caccagttc	aggaaccgc	gaccgctgc	60
agcgtctct	tgaccactat	gagcctcctg	tccagccgcg	cggcccgtgt	ccccggtcct	120
tcgagctcct	tgtgcgcgct	gttgggtgctg	ctgctgctgc	tgacgcagcc	agggcccatc	180
gccagcgctg	gtcctgcccgc	tgctgtgttg	agagagctgc	gttgcgtttg	tttacagacc	240
acgcagggag	ttcatcccaa	aatgatcagt	aatctgcaag	tgttcgccat	aggcccacag	300
tgctccaagg	tggaagtgg	agcctccctg	aagaacggga	aggaaatttg	tcttgatcca	360
gaagcccctt	ttctaaagaa	agtcatccag	aaaatttttg	acgggggaaa	caaggaaaac	420
tgattaagag	aaatgagcac	gcatggaaaa	gtttcccagt	ctacagcaga	gaagttttct	480
ggaggtctct	gaaccaggg	aagacaagaa	ggaaagattt	tggtgttggt	tgtttatttg	540
gtttccccag	tagttagctt	tcttccctgg	attcctcact	ttgaagagt	tgaggaaaac	600
ctatgtttgc	cgcttaagct	ttcagctcag	ctaatgaagt	gttttagcata	gtacctctgc	660
tatttgctgt	tattttatct	gctatgctat	tgaagttttg	gcaattgact	atagtgtgag	720
ccaggaatca	ctggctgtta	atctttcaaa	gtgtcttgaa	ttgtaggtga	ctattatatt	780
tccaagaaat	attccttaag	atattaactg	agaaggctgt	ggatttaatg	tggaaatgat	840
gtttcataag	aattctgttg	atggaaatac	actgttatct	tcacttttat	aagaaatagg	900
aaatatttta	atgtttcttg	gggaatgtgt	tagagaattc	cttactcttg	attgtgggat	960
actatttaat	tatttcactt	tagaaagctg	agtgtttcac	accttatcta	tgtagaatat	1020
atttccttat	tcagaatttc	taaaagttaa	agttctatga	gggctaatat	cttatcttcc	1080
tataatttta	gacattgctt	taacttttta	gt			1112

<210> 7471
 <211> 1551
 <212> DNA
 <213> Homo sapiens

<220>

09400735.012400

<221> misc_feature
 <222> (561)...(900)
 <223> similar to gi5881839 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7471
 caaataacaa tatgattaac ttcataattta ttatttcaac gatctttttt ataaccgagt 60
 ttaattttta aattaaattt ctaaaataga ttaccaatat taaaatacct taagatatatt 120
 atcttttagca ataataaggca atattaaagt tgtattaact tttaaattaa gtaagagtat 180
 ttggtggatg ccttgggtct gaaagtcgat gaaggacgcg attacctgcg ataagcttcg 240
 tggagttgga aataaactat gatacggaga tttccgaatg gggtaaccta actgagcaaaa 300
 cctcagttgc attttgatga atccatagtc aaattagcga gacacgttgc gaattgaaac 360
 atcttagtag caacaggaaa aaaaaaaaaa taatgatttc gtcagtagcg gcgagcgag 420
 gagaaaagtg cccaagatcc tttcaggata tttggttttt tgggcgcgac acaaatcgag 480
 gtgagggag agagaggaaa atcccctgaa tccctgcagg attaatattat tcaaaaaggga 540
 aataaaaaat actcaatatg caaaagtctt gtgaagaaaa tgagggaaaa ccacagaaca 600
 tgccaaaggc cgaggaagat cgcccttttg aggatgtacc acaggaggca gaaggaaatc 660
 ctcaaccttc cgaagaaggc gtaagccagg aagcagaagg aaaccccaga ggaggccga 720
 atcagcctgg ccagggattt aaagaggaca caccggttag gcatttggac cctgaagaaa 780
 tgataagagg agtagatgag cttgaaaggc ttagggaaga gataagaaga gtaagaaaca 840
 agtttgtgat gatgcattgg aagcaaagac attcacgcag ccgtccttat cctgtgtgct 900
 ttaggccttg aattcatttt tgcctaatat taaaatcttg cccagcttt ctttctgtta 960
 gcattttctg atgtatcttt gacctcatt ttacttttaa tcatctgatg aaattttgtt 1020
 ttaggtaatt tccttggtag cagcatctca ttggattttg gattttgacc cattttccag 1080
 gtctattttt caattggaaa ctttcacaca tttgcatggg aatatgttca ttccatgttg 1140
 taaagtaaaa cataacaggt tatggcaaag cagcatattt aatatcagct cacatatgta 1200
 ggataaaatt ccaaactttg tgtgtgtgag tgtgtgtata catacatcca tataacatat 1260
 atcacaaact taaccaagct tatttctgtg tgggtgtgaaa ttttatttgt tttcttcttt 1320
 ttgttctttt tgcttatatg tactttttta tgaacacgtg tctcacacac aaaaagaatt 1380
 aaggattttt tttacaagta agagtcaa attttgcaac cagcttatga gggcaatggg 1440
 ggacctaata ctcttgatga aagaacttta aaaagaaatg taaacctcaa attacctctg 1500
 gatctcttag ccagaggaat aaactggcaa ttattacaga taacaaaaaa a 1551

<210> 7472
 <211> 1850
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (630)...(1649)
 <223> similar to gi3136001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7472
 aaggatgagg aaaggatatc ccagagtgcc agggcgcgca aaccaaactt cacactctag 60
 gaagacagag gccagaggaa ccaggagggc ttcttgagg aggtggcatt tactctgggc 120

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ctaagagatc acaggaaaaat ggaggccagc attctaggcc tggggaagag tttgggcaaa 180
ggcttggcag taagagaata aaggtggggc ttgatgggcc agaggataag tgactcctca 240
aggtcacaaag acaccctgat ggctgggacc ccattctctga tggagcaagg cttctgatac 300
ccaactgagg cttggcgcca aggactgaca tcaaggaagt ggattcctgc aaacctggca 360
cccgagggtc cacttcctca atttctgtgc agctgggagg tgaggtaga ggaagtgtgg 420
gccacaggct agggccagag agcctggagg aggagcctct gccagactgg agagaagcag 480
gcctgagcct ccccaaaggc agctcctggg gactcccagg accacaggct gagacgagac 540
gcagggtggc tggaggaagt gagaggtgaa ctcagcctgg gactggctgg gcgagactct 600
ccacctgctc cctgggacca tcgcccacca tggctgtggc ccagcagctg cgggcccaga 660
gtgactttga acagcttccg gatgatgttg ccattctcggc caacattgct gacatcgagg 720
agaagagagg cttcaccagc cactttgttt tcgtcatcga ggtgaagaca aaaggaggat 780
ccaagtacct catctaccgc cgctaccgcc agttccatgc tttgcagagc aagctggagg 840
agcgcttcgg gccagacagc aagagcagtg ccctggcctg taccctgccc aactcccag 900
ccaaagtcta cgtgggtgtg aaacaggaga tcgccgagat gcgatacct gccctcaacg 960
cctacatgaa gagcctgctc agcctgccgg tctgggtgct gatggatgag gacgtccgga 1020
tcttctttta ccagtcgccc tatgactcag agcaggtgcc ccaggcactc cgccggctcc 1080
gcccgcgcac ccgaaaagtc aagagcgtgt cccacaggcg caacagcgtt gaccgcatgg 1140
cagctccgag agcagaggct ctatttgact tcaactgaaa cagcaaactg gagctgaatt 1200
tcaaagctgg agatgtgatc ttctcctca gtccgatcaa caaagactgg ctggagggca 1260
ctgtccgggg agccacgggc atcttccctc tctccttcgt gaagatcctc aaagacttcc 1320
ctgaggagga cgaccccacc aactggctgc gttgctacta ctacgaagac accatcagca 1380
ccatcaagga catcgcggtg gaggaagatc tcagcagcac tcccctattg aaagacctgc 1440
tggagctcac aaggcgggag ttccagagag aggacatagc tctgaattac cgggacgctg 1500
agggggatct ggttcggctg ctgtcggatg aggacgtagc gctcatggtg cggcaggctc 1560
gtggcctccc ctcccagaag cgctcttcc cctggaagct gcacatcacg cagaaggaca 1620
actacagggt ctacaacacg atgccatgag ctgacggtgt ccctggagca gtgaggggac 1680
accagcaaaa accttcagct ctcagaggag attgggacca ggaaaacctg ggaggatggg 1740
cagacttcct gtctttgagg ctaatggacc cgtggggctt gtaatctgtc tctttctact 1800
atttacatct gatttaaata aaccattcca tctgaaaggg aaaaaaaaaa 1850

```

<210> 7473

<211> 1944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (205)...(670)

<223> similar to gi3879017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7473

```

ccagtctggt ggaattcctg tgagggggccg cgtctcgag cagccgcccg gaccgggcat 60
ggtgttgggc gccggggccc cctcgctgt ctcggggagc ccagggtaaa ggcagcagta 120
atgctaacgc tagcaagtaa actgaagcgt gacgatggtc tcaaagggtc ccggacggca 180
gccacagcgt ccgactcgac tcggaggggt tctgtgagag acaaattgct tgtaaagag 240
gttgacagaa ttgaagctaa ttaccttgt acatgtaaag tgcattttcc tgatccaaac 300
aagcttcatt gttttcagct aacagtaacc ccagatgagg gttactacca ggggtgaaaa 360
tttcagtttg aaactgaagt tcccgatgcg tacaacatgg tcctcccaa agtgaaatgc 420
ctgaccaaga tctggcacc ccaacatcaca gagacagggg aaatatgtct gagtttattg 480

```

```

agagaacatt caattgatgg cactggctgg gctcccacaa gaacattaaa ggatgtcggt 540
tggggattaa actctttgtt tactgatctt ttgaattttg atgatccact gaatattgaa 600
gctgcagaac atcattttgcg ggacaaggag gacttccgga ataaagtgga tgactacatc 660
aaacgttatg ccagatgata aaaggggacg attgcaggcc catggactgt gttacagttt 720
gtctctaaca tgaaacagca agaggtagcc ccctctcccg tcctcatgct ccctctcagt 780
cccctggatt gccccagtc tgtgaccatg ttgccctgaa gaagaccatc ttcattgactg 840
ctcattgtag atggagaatt caacataaat acagcaagaa aatgtgtttg ggcttctgaa 900
gagttgtctg cttaccttaa catgtttact tttttgaact tgtactgtat aggctgttgg 960
tgaaattctt aagaagttgt aatgaactca aaattgaggc cagagcttgc tttccctttt 1020
cccaaacaaa attggttttc tgcacaagcg atgctaata tgtgttcagt gtaactcgca 1080
gattggcaat aagatacccg ctacaaactg tgattggatg caaaatctct tagcttcttt 1140
cacgaatgtt ggccctgcct agatgttgtg aagcctccca gaatgcatag agtcattcac 1200
tgtagatctc ttattgaaat gcgtatttta tttaatgtaa gtatattttg gaacagattt 1260
gtaatttgta caattcaatg ctttaattat tttttctatt ctcatttagt ttgtattttc 1320
attgtataga gcagacagaa agatgttggg tcaagcaact attgaagaga aatacaaaaga 1380
aaatatgaaa ggcacattat tcattttgtc caaatgcaat gagaatctca ctcttaaaaa 1440
tcagctcttg ctttcgggtc cggatgtggt gagcacattt tggagccctt tgaagctaga 1500
tttggatgat caaaacaaaa aggcaggag cccattctaa catgctgccc agaggaaact 1560
ggctggagcc tggaccagct ggggctgatg cttttgcagt ggtcatgtga ttgtgacctg 1620
gtagctactt atcagagagc ccagaccctg ctgtcctggg agacaggagc gatgcctcag 1680
gaatcagccc aatgtctgat gtcactgaga ctgtacctgt ggccattctt ctgagtttgc 1740
tatggctcca aggccctgcc ggctgggggtg aagcctccta aggcccttgg aaggaccaag 1800
gagtcaacag tggcatatgc catcctccgg ccagggttaat atactgcaga ggaaaagccc 1860
tgaagagagg caagtggatt tactccagca tgtagacatt tgaaccagtg aaatcaaaca 1920
caaaataaat gtctgtctag tttc 1944

```

<210> 7474

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (119)...(305)

<223> similar to gi386865 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7474

```

ttaaatagga ctcactaagg ggaaatttgg cccctcgagg cccaaaaatt cggcacgaga 60
actgcctgac tgettgttcg tctcactggg gtgagctcca gcatcccctt tgctcgaaat 120
ggaccccaac tgctcttgcg ccaactgggtg ctctgcacg tgcgccggct cctgcaagtg 180
caaagagtgc aaatgcacct cctgcaagaa gagctgctgt tcctgctgcc ccgtgggctg 240
tgccaagtgt gccagggtg gcgtctgcaa aggggcatcg gagaagtgca gctgctgtgc 300
ctgatgtggg aacagctctt ctcccagatg taaatagaac aacctgcaca acctggattt 360
ttttaaaaaa acaacactga gccatttgc tgcatttctt ttataactaaa tatgtgactg 420
acaataaaaa caattttgac tttaaaaaaa aaa 453

```

<210> 7475
 <211> 1610
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (349)...(630)
 <223> similar to gi4689116 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7475
 ttctcgtggtg cgcctgcagg gatcgggaagc cgggttggggt gtgagagggtt ttctcgtctct 60
 aggtaagcga aacaagccgg gggactgcga gccaggggact cgggccgcgg ggcgggaaga 120
 agtggggcag cgcttgccca ggccgaaagg actttggggg tgggggctgg gagtccgtgt 180
 ctcgaaatgag ggaggagagg tggagttgcc ggggctcagg cccggcctcg agcatgggcg 240
 gatgagagga gtcgggagcc gaggcctatg gtccttcggg tgaggggaga cggagccagc 300
 gaggagatgg agcacaagct tgtggaggag attcttcaag caatcactat gtcaacagac 360
 acagggtgttt cccttccttc atatgaggaa gatcagggat caaaactcat tcgaaaagct 420
 aaagaggcac cattcgtacc cgttggaata gcgggttttg cagcaattgt tgcataatgga 480
 ttatataaac tgaagagcag gggaaataact aaaatgtcca ttcatctgat ccacatgcgt 540
 gtggcagccc aaggctttgt tgtaggagca atgactgttg gtatgggcta ttccatgtat 600
 cgggaattct gggcaaaacc taagccttag aagaagagat gctgtcttgg tcttggtgga 660
 ggagcttgct ttagttagat gtcttattat taaagttacc tattattggt ggaaataaac 720
 taatttgat gggtttagat ggtaacatgg cattttgaat attggcttcc tttcttgag 780
 gcttgatttg cttggtgacc gaattactag tgactagtgt actaactagg tcattcaagg 840
 aagtcaagtt aacttaaaca tgtcacctaa atgcacttga tgggtgtgaa atgtccacct 900
 tcttaaattt ttaagatgaa cttagtctta aagaagataa caggccaatc ctgaagggtac 960
 tccctgtttg ctgcagaatg tcagatattt tggatgttgc ataagagtcc tatttgcccc 1020
 agttaattca acttttgtct gcctgttttg tggactggct ggctctgtta gaactctgtc 1080
 caaaaagtgc atggaatata acttgtaaag cttcccacaa ttgacaatat atatgcatgt 1140
 gtttaaacca aatccagaaa gcttaaacaa tagagctgca taatagtatt tattaagaa 1200
 tcacaactgt aaacatgaga ataacttaag gattctagtt tagttttttg taattgcaa 1260
 ttatatTTTT gctgctgata tattagaata atttttaaat gtcactctga aatagaaata 1320
 tgtattttta gcactcacgc aaaggtaaat gaacacgttt taaatgtgtg tgttgcta 1380
 tttttccata agaattgtaa acattgaact gaacaaatta cctataatgg atttggttaa 1440
 tgacttatga gcaagctggt ttggccagac agtataccca aacttttata taatatacag 1500
 aaggctatca cacttggtgaa attctcttgt ctaatctgaa tttgcattcc atggtgttaa 1560
 catggtatat gtattgttat taaagtaagt gacctatgac aaaaaaaaaa 1610

<210> 7476
 <211> 390
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (66)...(252)
 <223> similar to gi386864 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7476
ggcacgaggc gccttatagc ctctcaactt cttgcttggg atctccaacc tcaccgcggc      60
tcgaaatgga ccccaactgc tectgcgcca ctggtggctc ctgcacctgc actggctcct      120
gcaaattgcaa agagtgcaaa tgcaactcct gcaagaagag ctgctgctcc tgctgccccca      180
tgagctgtgc caagtgtgcc cagggctgca tctgcaaagg ggcatcaaag aagtgcagct      240
gctgtgcctg atgtccggac agccctgctc gaagatatag aaagagtgc ctgcacaaac      300
ttggaatttt ttttccatac aaccctgacc catttactgt atttttttta atgaaatatg      360
tgaatgataa taaaagttgc tgacttaaaa      390

```

```

<210> 7477
<211> 1124
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (976)...(194)
<223> similar to gil237213 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7477
tttttttttt ttatgggaat aaatacttgt taaacttctc ttataaatat gcattaaaaac      60
gtccgataac acaagccaag ggctgtaaaa ttaagggttaa atcaagactg aatttcccgc      120
acggaccagc aggaaagcca gttacctaaa agagcctaata ccccaaatcc gctgaagggtg      180
cagggcggcc tcagtcccgg ggcatcttga actggctcctt ctccctgcgc acggcccgcga      240
tggtggtcac cgggtccgct tcacctgcgt gctgctgcac cgtcttctcc ctcaactctca      300
tgaaggggtt gtaggtaaac tcctctgcca ggggtggatgg cactgtgggc tccccgatgc      360
tgtacttctc cttggcccag gccagcttct cccggatggc ggcattgccg ggctccacgt      420
ggcgtgcaaa cttgaggttg ttgatgggtg actcgtggcc acagtagact cttgtgtccg      480
gggggagccg gcccaagacc tccagcagag ctttacacat ctcacccgca gtcccttcat      540
agaacttccc gcagccagcc acaaacaagg tgtcacctgt gaacacggca gggggctccg      600
agcctccggg cttgctcacg aagtaacaaa tgtgtcctga agtgtggcac ggggtcgcca      660
ggcacttgac gttcagagac cccacctgca gtgtggacag gtgagtgatc ttgtgagtca      720
gggccccgat acggtcgtca cccccgtaca ccttcagtcc cgactccagc ttgaccagtt      780
tctcattccc gccagcatgg tcccagtggt ggtgggtggt gagcactgtg gtcagtttca      840
ccccgtgctt tctcgccgcg tccacgacct tctggggctg caccggatcc acaatggcag      900
cctccttggt ctcacatca atgaccaggt acatgtagtt gtcggtcagg gcaggcagca      960
cctctacctt catggtgccc tcgtccacgg tcaggttctt ccgcaaactc gtgtggcaga      1020
aaactcccag cagggctgga cctagcgctt tccgcacccg cggcccaacg cccgctcagc      1080
gcttgcgccg cctccgctcg agcccggacg aaatcgctga cccg      1124

```

00408725.012400

<210> 7478
 <211> 3073
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(2844)
 <223> similar to gil019103 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0040302409460

<400> 7478							
tgtcgtggga	aatgtagtca	ctgtcccgga	acctggggca	gcggagtccc	gtgcgccctg		60
tggtgacagc	tcaggagggt	gtgtgcgctc	agcaggggcc	agcatggacc	agtctgtggc		120
aatccaggag	acgctggctg	agggggaata	ctgcgtcatc	gcggtgcaag	gtgtgctgtg		180
tgagggggac	agccggcaga	gccgcctcct	gggactcgtg	cgctaccgcc	tgagcatgg		240
cggccaggaa	cacgctctct	tcctctatac	gcaccggagg	atggccatta	ccggggacga		300
tgtctctctg	gaccagatag	tgccagtctc	gcgggatttt	acgctggaag	aagtgtcccc		360
agatggtgaa	ctctacatcc	ttggctcaga	tgtgaccgtc	cagctggaca	cagcagagct		420
tagcctcgta	ttccaactgc	cctttggttc	acaaaccagg	atgttcctcc	acgaagtgtc		480
cagggcctgt	ccaggcttcg	attctgcgac	ccgggatcct	gaattcctgt	ggctgtctcg		540
gtataggtgc	gcagagctgg	agctggagat	gccaacgcgc	cgcggttgta	actcggccct		600
agttacctgg	ccagggtacg	cgacaattgg	cggaggtggg	tctaactttg	atggtttgag		660
accaaattggg	aagggagtgc	ctatggacca	aagctccagg	ggtcaagata	aaccagaaag		720
cttgcaacca	agacagaata	aatccaagtc	cgaaattact	gacatgggtc	gctcctccac		780
tatcacagtg	tcggacaagg	ctcatatttt	atccatgcag	aagtttgga	tgcgagatac		840
aattgtgaaa	tcacatctac	tacagaaaga	agaggattac	acctatatcc	agaacttcag		900
gttttttgcg	ggaacataca	atgtaaatgg	gcagtccccc	aaagaatgcc	tccggctgtg		960
gctgagcaat	ggtatccagg	ccccagatgt	ctattgtgta	gggttccagg	agcttgatct		1020
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gtcagagggt	cttcattccag	atgccaaata	tgcaaagggt	aagcttatcc	gactgggttg		1140
gattatgctg	ctgttatatg	tcaaacagga	gcatgcagct	tatatctcag	aagtggaggc		1200
cgagactgtg	gggacaggaa	tcattggggag	gatgggcaac	aagggaggcg	tggcgatcag		1260
gttccagttc	cacaacacca	gcattctgcgt	tgtgaattct	cacttggcag	cccacattga		1320
agagtatgag	aggaggaacc	aggactataa	ggacatttgt	tctcgaatgc	agttttgtca		1380
gcctgaccac	agccttcccc	ctctcaccat	cagcaaccat	gatgtgatct	tgtggctggg		1440
ggacctcaac	tacaggatag	aagagctgga	tgtggaaaaa	gtgaaaaagc	tcacgaaga		1500
gaaggatttt	caaattgctgt	atgcatatga	tcagctgaaa	attcaggtgg	ccgcaaagac		1560
tgtctttgaa	ggcttcacag	agggtgagct	cacattccag	cctacttaca	agtatgatac		1620
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tctctggaaa	gggaagaaca	tcactcagct	gagttaccag	agccacatgg	ccctgaagac		1740
cagtgaccac	aagcctgtca	gctcagtgtt	tgacatcggt	gtgagggtcg	taaatgacga		1800
gctttaccgg	aagacactgg	aggaaaattgt	tcgctccctg	gataagatgg	aaaatgccaa		1860
cattccttct	gtgtccctgt	ccaagcgaga	gttctgtttt	cagaatgtga	agtacatgca		1920
attgaaagta	gaatccttta	caattcataa	tggaacaagta	ccctgtcatt	ttgaattcat		1980
caacaagcct	gatgaagagt	cttactgtaa	gcagtggctg	aatgccaaac	ccagcagagg		2040
cttctctctg	ccagattctg	atgttgagat	tgacttgag	ctcttcgtaa	ataagatgac		2100
agctacaaag	ctcaactcgg	gtgaagacaa	aattgaggac	attctgggtc	tgacttgga		2160
caggggaaag	gattactttt	tgtctgtgtc	tgggaaactac	ctgcccagct	gttttgggtc		2220
tccattcat	acactgtgtt	acatgagaga	gccaatcttg	gacctaccac	ttgaaacctc		2280
tagtgagctg	actctgatgc	cagtatggac	tgagatgat	gggagccagt	tgatagccc		2340
catggaaatc	cccaaagagc	tctggatgat	ggttgattac	ctgtaccgaa	atgctgtcca		2400
gcaggaagat	ctgttttcagc	aaccaggcct	gaggtcagaa	tttgaacata	tcagggactg		2460
cttgatact	ggaatgattg	ataacctctc	tgccagcaat	cattctgtag	ccgaagccct		2520

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gctgcttttc ctggagagcc ttccagagcc tgtcatctgt tacagcacct accataactg 2580
cttgagtggt tctggcaact acacagcaag caaacagggtc atttctactc tccccatatt 2640
ccacaaaaat gtcttccact acttgatggc gtttttgcca gaactgctga aaaattcagc 2700
aaaaaatcat ttggatgaga atattctagc tagcatattt ggcagcttat tgcttcgaaa 2760
cccagctggg caccaaaagc ttgatatgac agagaagaag aaggctcaag aatttattca 2820
ccagtccctc tgcaaccac tctgagcctc tctctcctcc tattttactt gaggctgcc 2880
attaccagcc ccacctgttt cagctcaaga gatgccttaa gataattatg tgaggccact 2940
tggtagcaag aatggcagct atttctgag cctagtaccc caattaagcc caccattggg 3000
tagcacactc agcgtgtga gtcgtgaaga cacgggagaa aatccaccat aataaaactg 3060
acattcaatt ttc 3073

```

<210> 7479

<211> 2594

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1190)...(2425)

<223> similar to gi4263748 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7479

```

cgcgccagcc gcgaatcgga tctctatgga gatggcctag gcgatatccc tgagctgaga 60
gcatcaccct gtccccgaat ccttctttcc tctctgtttt gtttttcatt cccctccctc 120
tctccccctc cctccagtc caccgacgact ggctgttgac cctgttcagg cctcggtgaa 180
ggcttttggg tactccccct cccaccccat cccttaattt tattcttttg aagagtgcatt 240
ttcaagctgc caagggtggag agaggggatta cagaaaggag aacaccttat ttcagaaaag 300
gtgtaccata cctgagagca ccaggaagtc gcatgagaga tcacctgata catgaacgta 360
tgatgttcca tctgcgcatt gatgaatagg cagcatttac aaattaactg atgtgttgct 420
gtatatcatc tctttgatga ttgctcctct tctttgtatc ctgtcttata atttcaacac 480
atgtgcgata ctcaatgtct attctaaatt aaccatgttt tgtaccacaa actcattgcc 540
catggatctg ttgctgaaac aaggaagtct taaacaagaa gtggaatctt tctgttatca 600
gattgtgtct gaatcaaatg atcagaaggc tggaatatta caaagtgaag ataagcagtt 660
gcaaccttca gtttctaaaa aatcagaagg tgagctttcc aggggtcaaat ttatatccaa 720
ttccaacaaa ataacattta gtaaaaaacc aaaaagaaga aaatatgatg aaagttattt 780
gtcttttggg tttacttact tcggaaatag agatgcacct catgctcagt gtgtattatg 840
taagaaaatt ttatcaaata gctcttttag ccctagtaag cttcgaagac atttgaaaac 900
taaacaatgt gcatataaag acaaagacat aagctttttc aagcaacatc tcgattcacc 960
tgaaaataat aaacccccaa cacctaaaat tgtgaataca gataatgaaa gtgctacaga 1020
agcatcatat aatgtaagtt accatatagc gctgagtgga gaggctcata ctattggaga 1080
attgcttatc aaacctgttg caaaagatgt agtgatgcgg atgtttgatg aacaatatag 1140
taaaaaaata gatgcagtac agctatcaaa cagtactgtt gcacgtcgaa ttaaggatct 1200
agctgctgac attgaagaag agcttgtttg tagactgaaa atttgcgatg ggttttcact 1260
gcaactagat gaatcagctg atgtttcagg acttgctgtg ctgcttgtgt ttgttcgtta 1320
taggtttaat aagtctattg aggaagacct actcctgtgt gaatctttgc aaagtaatgc 1380
taccggtgaa gaaatattca actgtatcaa cagttttatg cagaaacatg aaattgaatg 1440
ggaaaaatgt gttgatgttt gtagtgatgc ttctagggca gtggatggga aaattgccga 1500
agctgtcacc ttaataaaat atgtggctcc cgaagcacc agtagtcact gcctattata 1560
cagacatgca ctggcgagtt aaataatgcc tacatctcta aaaaatgtgc tagaccaggc 1620

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```

agtacaaatc atcaattata ttaaagctcg accacatcaa tccagactat taaaaat tttt 1680
atgtgaggaa atgggtgctc agcacacagc acttcttcta aatacagagg tgagggtggct 1740
ttctcgaggt aaagttcttg taagactttt tgaacttcgt cgtgaacttt tggttttcat 1800
ggattctgct tttcgactat ctgattgttt aacaaattca tcttggtgc taagacttgc 1860
atatcttgca gatattttta ctaaattaaa tgaagttaat ttgtcaatgc aaggaaaaaa 1920
tgtgaccgtt ttacagtat ttgataaaat gtcgtcattg ttaagaaaat tggat tttt 1980
ggcctcatct gtagaagaag aaaactttga ttgttttcct aactcagtg attttttgac 2040
tgaaattaat tctacagttg ataaagatat ttgcagtgcc attgtgcagc acctaaaggg 2100
tttgcgcgct actctgttaa aatactttcc tgtaacaaat gacaataatg cttgggttag 2160
aaatccat t acagttactg ttaaaccagc ttcattagta gcacgggact atgagagcct 2220
gattgattta acatctgatt ctcaagtga gcaaaat ttt agtgaacttt cactaaatga 2280
tttttgaggt agcctaattc aggaataccc aagcattgca aggcgtgcag tgcgtgtact 2340
tcttcctttt gctacaatgc acctgtgtga aacgggggtt tcatattacg ctgcaacaaa 2400
aacaaaaat aggaaaagac ttgatgctgc acctcatatg cgaatccgac ttagcaatat 2460
tacacctaat attaaagcga tatgtgataa aaagacacaa aaacactgtt ctcat taaa 2520
ttggaggagt ttgcatgtct catgataacc aaatgtaaga tgaaaaataa agatgat tta 2580
cttcaaaaaa aaaa 2594

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```

<210> 7480
<211> 1938
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (82)...(1441)
<223> similar to gi5853321 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7480
agatagtaaa taatctcggg aaggcgagaa agaagctgtc tccatcttgt ctgtatccgc 60
tgctcttgtg acgttggtga gatggggagc gtccctggggc tgtgtcccat ggcgagctgg 120
ataccatgtt tgtgtggaag tgccccgtgt ttgctatgcc gatgctgtcc tagtggaac 180
aactccactg taactagatt gatctatgca cttttcttgc ttgttgaggt atgtgtagct 240
tgtgtaatgt tgataccagg aatggaagaa caactgaata agattcctgg attttgtgag 300
aatgagaaaag gtgttggtccc ttgtaacatt ttgggtgggt ataaagctgt atatcgttt 360
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ttgacatggc cagctatgac caatgaacca gaaacaaatt gcaacccaag tctactaagc 960
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catgtcgaag gaattatagg actaattctc tttttgttgt gtgtatttta ttccagcatc 1080
cgtacttcaa acaatagtca ggttaataaa ctgactctaa caagtgatga atctacatta 1140
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cgtgagatga aaagtcagtg gacagctgtc tgggtgaaaa tctcttccag ttggattggc 1380
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cccaactttt gtaaagtgtg gtatgttttt gcttcccatg taacttctcc agtggtctgg 1560
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gaagtagaat gaattgcaga ggaaagtgtt atgaatatgg tgatgagtta gtaaaagtgg 1680
ccactattgg gcttattctc tgctctatag ttgtgaaatg aagagtgaaa acaaatttgt 1740
ttgactattt taaaattata ttagacctta agctgtttta gcaagcatta aagcaaattgt 1800
atggctgcct tttgaaatat ttgatgtgtt gcctggcagg atactgcaaa gaacatggtt 1860
tattttaaaa tttataaaca agtcacttaa atgccagttg tctgaaaaat cttataaggt 1920
tttacccttg atacggaa 1938

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<210> 7481

<211> 2031

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (249)...(1356)

<223> similar to gi5052520 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7481

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agtgcagcgc ggagtgggag atgccagcgt gccaggagcc atgtctgacc aggacgtttg 180
gaagatcata tccatgccag aggctcttgt gaggagatga gttggtaaag agagaggctg 240
ggatgaagat gctgccagga gtgggcgtgt ttgggactgg cagctccgcc cgagtctctg 300
tcccactgct gagggcagaa gggttcactg ttgaggccct gtgggggaag actgaggagg 360
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tcttgctgca tcaagatgtg gatctggtgt gcacagcat cccccctcca ctcaccggc 480
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cgggtggatgc cttccggatg gtgacagcct cgcgctacta cccgcagctc atgagcctgg 600
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ccagctatgg ctggatctgt gatgagctca tgggcggcgg gggcttgac accatgggga 780
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agttgggaag	gtgcatgtgc	taccattgct	tcaggttcag	gtggattcag	cacaagtgac	1680
tgtggaacaa	gtccatccag	atctgctcca	ggacagccag	gtgcacgatt	cacacatgag	1740
tgagcttcca	gagcaggtcc	aagtgagtta	tctagaagtg	ggccgaattc	agactgaaga	1800
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agtacaaact	gaacttctag	aagcagatth	ggaccacgtg	accccagaaa	tcatgaacca	1920
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tgctgaggat	ttagagacca	agccaacagt	ggattctgaa	gcagaaaagg	cagagaatga	2040
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cttggtgggt	ttttgaactg	attatgggca	gtttgactgt	ccttaattaa	gcctaacaga	2160
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gttttgagaa	gtatatthct	ggaaacttaa	atggattata	ttcttattat	atagttgggt	2340
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aagtgcattg	ttactgtgca	gttaaattht	ggctthctggc	thtctthtagt	ttgaacaaac	2580
gtthctgtct	acccagtag	tcacagatgc	catctthtga	acagaaagag	tggtggtggc	2640
aaaattthcta	gaatgttaaa	aaaaaaa				2667

<210> 7483
 <211> 1714
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(728)
 <223> similar to gi5514631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7483						
ctggggctcg	ccgtcaacgt	ggtcaccacg	ctcgtgctca	tctcctactg	tcccacggcc	60
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tacttgatg	ctattgatgg	gaaacaagcc	agaagaacaa	actcttgthc	ccctthtaggg	180
gagctctthg	accatggctg	tgactctctt	tccacagtat	ttatggcagt	gggagctthca	240
attgccgctc	gcttaggaac	ttatcctgac	tggtththth	cctgctctth	tattgggatg	300
thtgtgthth	attgcgctca	ttggcagact	tatgtthcag	gcatgttgag	atttggaata	360
gtggatgtaa	ctgaaattca	gatagcttht	gtgattgtct	ttgtgttgth	tgcatthtggg	420
ggagcaacaa	tgtgggacta	tacgattcct	attctagaaa	taaaattgaa	gacctthcca	480
gtthctggat	thctagggtg	agtaatthth	thctgtthcaa	attatthtcca	tgthtatctc	540
catggtggtg	ttggcaagaa	tggatccact	atagcaggca	ccagtgtctt	gtcacctgga	600
ctccacatag	gactaattat	tatactggca	ataatgatct	ataaaaagth	agcaactgat	660
gtgtthtga	agcatcctth	tctthtatatc	ctaattgtth	gatgtgtctt	tgctaaagth	720
tcacaaaaat	tagtggttagc	tcacatgacc	aaaagtgaac	tatatctthca	agacactgth	780
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gtthgtctat	ggatggcaat	ggtgatttht	tcattthgata	tggtgatata	ctthtagtct	900
thgtgcctgc	aaatthtcaag	acacctthcat	ctaaatatat	tcaagactgc	atgtcatcaa	960
gcacctgaac	aggtthcaagt	tctthtctthca	aagagtcatc	agaataacat	ggattgaaga	1020
gactthccgaa	cactthgtat	ctctthgtgc	tgctgtthtca	tgggaaggaga	tattaaacat	1080
thgtthtaatt	thtattthtaag	tgthtatacct	atthtcagcaa	ataaaatatt	tcattgctta	1140

tattaatcct	tatTTTTTca	atttcaatat	gatcacttac	agtttccatc	ataatttttt	1200
tttgcaacat	agccatttct	tttttaaatt	cattttgtgc	accagtaagt	agattatcat	1260
gattcttctc	caactcttcc	atactctaaa	aacacaaaag	acaagttaag	ttacaaagga	1320
ccacttttca	tctcagggtc	taaacttgta	caatttaatt	tcaaaaagtag	taattttttga	1380
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ctttcacatt	atgaaaaata	aaaattatgt	ctta			1714

<210> 7484
 <211> 1211
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (159)...(755)
 <223> similar to gi5815353 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7484						
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ttgtttccga	gggaagaagg	actgattaag	tcatctaaat	ggatgcaata	ctgaattaca	180
ggtcagaaga	tactgaagat	tactacacat	tactgggatg	tgatgaacta	tcttcggttg	240
aacaaatcct	ggcagaattt	aaagtcagag	ctctggaatg	tcacccagac	aagcatcctg	300
aaaaccccaa	agctgtggag	acttttcaga	aactgcagaa	ggcaaaggag	attctgacca	360
atgaagagag	tgcagcccgc	tatgaccact	ggcgaaggag	ccagatgtcg	atgccattcc	420
agcagtggga	agctttgaat	gactcagtga	agacgtcaat	gcaactgggt	gtcagaggta	480
aaaaagacct	gatgctggaa	gaatctgaca	agactcatac	caccaagatg	gaaaatgagg	540
aatgtaatga	gcaaagagaa	agaaagaaag	aggagctggc	ttcaaccgca	gagaaaacgg	600
agcagaaaga	acccaagccc	ctagagaagt	cagtctcccc	gcaaaattca	gattcttcag	660
gttttgcaga	tgtgaatggt	tggcaccttc	gtttccgctg	gtccaaggat	gctccctcag	720
aactcctgag	gaagttcaga	aactatgaaa	tatgaaatat	ctctgcttca	aaaaatgagg	780
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ataaattaaa	gctcttagat	acagagtaga	ttgtattata	tgctttttcc	tattaatact	1020
acttatagaa	atccattaaa	aagcaatctc	tgtacagtgt	atttaaataat	ttcattgaca	1080
tactgtgatc	tctattagtg	atggatgtac	aaaaaatgtt	tttttaccct	tgacttacaa	1140
tgaaatgtga	aattacttgt	ttgaaccccc	tggggagaaa	taaataattt	tcccaaagtt	1200
caaaaaaaaa	a					1211

<210> 7485

<211> 1630
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1120)...(825)
 <223> similar to gill154645 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7485

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aaatacctta	tctcacttgt	aatcataaac	attattccag	tagaagaggt	acattttctc	180
tcctttttgt	cttcttgcc	gtataatcac	cataataagt	tataatgaaa	tagctcttac	240
ataatcaaag	gagaaaagaa	agacaaaacc	aacatgccac	agcctagaca	attccatcca	300
gcactgctgc	ctccagatct	gttttctggc	tctctccacc	cagcactgct	gccctcggat	360
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ggctttggcc	cttcaaactg	ctgctgttca	aaacgtgaaa	tgattctgct	gaatccattc	660
ttgatgtctc	tcttttagtgg	tcttctcatt	agtggctctc	tcttcaaata	ggttggtttc	720
tcactaggaa	aaaaaatggt	ccatctctgg	aattaacggt	gatgggtggt	tgctcattct	780
gaaagttttt	atcctccctt	ctcaagcatg	ctctgttttg	catgattgac	acagtgcata	840
tactgggtgg	ccagagcgga	gcatttgagg	gtctggtggg	tgttctcacg	gtaacactga	900
agaatttttg	cctgcagatc	agcacagact	ggatgagact	catatcgctt	gaactttgct	960
tccacctctt	cagcagcttt	ctgatattgt	tcagtgggtga	ctctgtagaa	ctctgagctc	1020
ctctcctcca	gtctagccag	ctgttctttg	tagaatgcat	cctgcttctt	tagcactcgg	1080
tctttctctt	ccagctgcct	agccagggtgc	tttgcccttag	cgcgttcctc	ctcgtacat	1140
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gccagctcct	cagctactct	tcttttcaat	tcttcatcag	aaactgaggc	accataagca	1320
ccagaatacc	gctgagactt	cgaaccagat	ggagaggatt	ccttcattcg	atcaatcaca	1380
ttttccgaaa	gccggatgcc	cttcaccacg	gtgatgttct	cattctcgtc	cgcctcgaag	1440
gtgaccgggc	gggtgctggg	gggtccaccc	atgattccgg	ttcctgcccc	agcggagacc	1500
tagcggggaa	ccacgagcac	ttcggggccc	ccgcacccac	acgcgcgtgg	aagggcctgg	1560
attcttttcc	cgcacagcgg	gagcaaggcc	acgaccccca	gaagcaagga	gaaggcgccg	1620
gtccacgaaa						1630

<210> 7486
 <211> 969
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (156)...(840)
 <223> similar to gil373214 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09-06-1987

<210> 7487

<212> DNA

 $\langle 220 \rangle$
$$\langle 222 \rangle \quad (135\bar{5}) \dots (733)$$

6126

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gggcgtcttt	ctccatcagc	gcatactgag	caggggtact	cagatccttc	ttggaaccta	1020
caaggaagag	aagcacactg	gaaggggtcat	tctccttcag	ggcatcggcc	agccactgct	1080
tggatgttc	cagagatgcc	acatcattca	ggttgaagac	aatgatgatg	gcttgagctc	1140
ctctatagta	ggttgatgca	atgcatttga	acctctcctg	cccagcggta	tcccaaagct	1200
gcaaaactgaa	gggaatgccc	agcacctcaa	atcgttccat	ctcgaagtcc	actccaatgg	1260
tggccttgta	attcttatca	aagggtgtctt	tgcagaacct	attaatgagg	caagtcttcc	1320
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cctccttcct	caggcactgg	ggcagctccg	ccaggacgcg	atccctccgc	acgggtgcca	1500
gaatgttcat	cctgcctgcg	gccttgacgg	gcgcccagc	cgaattgggtg	atggggaatc	1560
ggagactgct	gcgcagcatc	tggcgatgcc	aggaaccagc	agggagggga	aagggggaga	1620
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gaagtctggc	gtcttttcct	tcaaggctgc	tgtgtacatt	gtgaggcggg	agggctgaag	1860
atcaagttcc	ctcgaggggag	gttaaagaat	ggctaattgg	acccggatac	tctgctcttc	1920
ggggagcgct	ccgctctggg	aggacgggac	tcccctctgg	catggcgggtt	cattgctctg	1980
gccc						1984

<210> 7488
 <211> 1286
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (213)...(1055)
 <223> similar to gi457372 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7488						
acactcgaac	ctcatagccc	agcttggcac	gaggcgcgat	gtggagtggc	cgtaagctgg	60
gctcctccgg	gggttggttt	ttaagagtgc	tggggcctgg	aggctgtaat	acaaaagctg	120
cgcgctccct	aatttcctcg	gcggtttatg	tgaagaacca	gctcagtggg	actctacaga	180
ttaaaccagg	ggttttcaat	gaatacagaa	ccatatgggt	caaatcctac	aggacgatct	240
tttcctgttt	gaacagaata	aagagtttca	ggtacccttg	ggcgagactg	tacagtactt	300
cccaaaccac	tgtcgacagc	ggtgaggtaa	aaaccttctt	ggccctggct	cacaaatggt	360
gggatgaaca	aggagtatat	gcacctcttc	attccatgaa	tgacctgagg	gtgccattta	420
ttagggacaa	tcttctgaaa	acaattccta	atcaccagcc	aggaaaacct	ttgttgggga	480
tgaagattct	tgacgttggc	tgtggtgggtg	ggctgttaac	tgaacctcta	gggcggcttg	540
gggcttcagt	tattggaatc	gacctgtggg	atgagaacat	taaaacagca	caatgccata	600
aatcatttga	tccagtccctg	gataagagaa	tagagtacag	agtgtgttcc	ctggaagaga	660
ttgtggaaga	gactgcagaa	acatttgatg	ctgttgtagc	ttctgaagtt	gtagaacatg	720
tgattgatct	agaaacattt	ttacagtgtc	gctgtcaagt	gttaaaacct	ggtggttctt	780
tattcattac	tacaatcaac	aaaacacaac	tttcctatgc	cttggaatt	gttttttcag	840
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aaacactaga	gagcattctg	gaatcaaatg	gtctgtcagt	tcaaacagtg	gtaggaatgc	960
tctataacct	cttctcaggt	tactggcatt	ggagtgaata	taccagcctt	aactatgcag	1020
ctcatgctgt	gaaatccagg	gtccaggaac	accagccct	ctgctgagtt	tgtttttaaag	1080

ggagaaacag	aagagctcca	agctaatagcc	tgcaccaatc	cagctgtgca	tgaaaagctg	1140
aagaaatgaa	ttgtttctga	gaactatagt	aatatggctt	ggatatctga	tgttttcaaa	1200
tacaagaaat	gtacaattta	tcctttgaga	gagaatcatg	aagaaaagaa	ggtcaataaa	1260
aagggctaaa	accttgaaaa	aaaaaa				1286

<210> 7489
 <211> 1987
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (756)...(569)
 <223> similar to gil70454 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

007770"522.00460

<400> 7489						
gcggcgcgag	cccacccccca	ctgctgttctg	aatcaagcag	gaacccctgg	actaggccct	60
gcttcagtgc	ccacctgggc	ccccccagg	acctggaaac	agtgtctggg	agttctgcct	120
gtgtatactt	ggcgtgggc	atgagaccga	gggtgaggct	ggaggggtcca	aagctggccc	180
agcgagcacc	aggggtcccag	gtgtcatggc	aacagaacgt	gggatgctgg	aggcatgcct	240
gcagaaggac	tggtgatgcg	acccaaagat	acagcgggtg	gatctctgct	gccagctctc	300
ccagccccctc	agcttcgcag	cctggcgcag	catcctctga	ggccccgggg	cctgttgggg	360
cgggggttgg	agagccgtct	gcagctactt	cagaggagct	gtttatccct	ctccacgcgg	420
ggcagactct	ggcgggtctc	ctagcgtccg	agagatggct	tattttctac	agtatttaaa	480
atggatgcag	ccctaactgc	aaaagtcaga	gaggctgaca	aggaccaatg	cttctttatc	540
tggtgctcag	ttctcagtca	gacgtgcagc	atggctgcag	ggtggaccag	ctgcctggca	600
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gaccttcacg	tttgetgcog	ttgggggctc	aggctgcact	ccccgggtca	cctgacctgc	780
tgcccagggg	cttcaggtcc	tgtctgtgtg	gactggcacc	tgggctgctg	gagaagtctc	840
ctcccgttctg	gaccagcctc	agggtgcac	gttacctcag	gaatgggccc	caccatgaag	900
gggcccattct	gtcagcagcg	tcttctaggt	ccccagctca	gggagccatc	cccagctcca	960
gttttctcat	gcgaatatgc	acagttttta	ttcacgttgt	tacactagcc	tgccgatgag	1020
accagacac	aggcagacct	ggcgctcttg	acccctgatt	ccagtgagga	ctggccctga	1080
ggagtccttg	cagacctgct	gcctgcccc	cgacaggccc	aaagatggac	ccccctggc	1140
cttgtgacag	ctccccaaagt	gttctccggt	ggagaaactg	cagaggactg	gtgggcgggg	1200
ctccccagcc	atcaccatcc	tgtgtacaat	ggctgtagac	ttgtatatgg	ctcctttaat	1260
attgtaaaga	tgctgatgta	caattgtcgt	gcatttgtgt	gaacacattg	cgttcccagt	1320
ccatgccata	aatgatgctc	tcaagcaaaa	gactggaggc	tctgtcctgt	gcagaagcag	1380
cagccagact	cccgcatctg	atgttgtgca	gggaggtttg	ggggcggaac	ggattcctcc	1440
cttgatcct	tcagttccca	tcgaggaata	acccgcagca	gtggtggagg	aaggtcagtg	1500
gctgggtcct	gagcttggtg	ttatttattg	catttggtg	cctgtcccct	cagggcagca	1560
cagattctga	attctgattc	acagtcacct	gccagatggg	aactgggaaa	gagacagaag	1620
gcgtctgggt	gcttttgaa	cctgtctcaa	atgtttggga	ttttctctct	cactattctt	1680
tgggtgggga	tgatgtcctc	tttagacccc	cacgtaatgg	tatgagaagg	tggcaggcag	1740
tggctcagcc	agccaggggg	gcaccaagtc	atgcagccag	cgtgagacct	gcagttcacc	1800
taagcacaga	acgagatctc	agtatgcctc	catgtaaaaa	gattcacata	ggcctccaat	1860
ttcaatgaga	ccttttgcag	ttgttctcag	agcccttatg	ttctaaccac	tgagaaccat	1920
ttacctgccc	ctctaagggc	caccagcttc	gacctgcctc	aggggacagc	agcacaggac	1980

<210> 7490
 <211> 1931
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (76)...(714)
 <223> similar to gi5441952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7490
 tttcgtcgca gctggaacct ccggtgtgca gtgcgcttac agttcctaac cccgaccctg 60
 cgcgcagccc gcactatggc agccccgccg cagctaaggg ctctgctcgt agtcgtcaac 120
 gcactgctgc gcaagcgccg ctaccacgct gcgttggccg tgcttaaggg cttccggaac 180
 ggggctgtct atggagccaa aatccgggcc cctcacgcgc tggcatgac ctttctcttc 240
 cggaatggca gcctccagga gaagctgtgg gccatactgc aggccacata tatccactcc 300
 tggaacctgg cacggtttgt gttcacctac aagggtctcc gtgccctgca gtccacata 360
 caaggcaaga cctacccagc acacgcattc ctggcggcct tcctcggggg tatcctgggtg 420
 tttggagaaa acaataacat caacagccag atcaacatgt acctgtgtgc acgcgtcctg 480
 tttgccctga gccgcctggc tgtagagaag ggctacatcc ctgaaccagc gtgggacccg 540
 ttcccgtgc tactgcggt ggtgtggggg ctggtgctgt ggctctttga gtatcaccga 600
 tccaccctgc agccctcgt gcagtcctcc atgacctacc tctatgagga cagcaatgta 660
 tggcacgaca tctcagactt cctcatctat aacaagagcc gtccctccaa ttaatgcagc 720
 cctgaggtgt ctggctgtgg ctcaagattt ggccccatgc agaccctccc aaaggatact 780
 gccttctcaa gatcataggc ctacagactcc aactggtgtt atcccagggt tctgtttgct 840
 gaagtaaaaa cactgatattt aaaatcccag tgggtacctt tgtatggtgg cacaagtggc 900
 cgaatcaggc tgaggaatct acggcttggt tccagctgtg cagctgactt ctgtgagact 960
 ggggccagcc aactactct ctaggcctca ggggtcaagg agctcagagg agggccctga 1020
 ggtctctttc cggttgggtg tggtcattcc ttcaactgtt cttatgtca cagagggtc 1080
 cttgcctggt gggcagtggg ttgtaaatac tttttaaaaa acactaagtt cttatcctc 1140
 agatgctgtt ctactggaga agttcctaga ttcccactgt cccaatagaa acacgtgagc 1200
 ccatatatgt aattaaaaatg tttctagtag ctgcattaca aaaaagaagc ctgggcactg 1260
 tggctcactc cctgtaatct cagaactttg ggaggtctga ggcaggtgga tgcacttgag 1320
 ctcaggagct tgagaccagc ctgggcaaca tgggtgaaacc cagtttctac aaaaaatata 1380
 aaaaattagc cgggttccat cacctgtggt tccagctgag gtgggaggat cacttgagcc 1440
 tatgaggtcg aggtacagt gagcaaatg caccgacctg cactccagcc tgggcgacag 1500
 tgagaccctg tctacccaaa gaaaaaaaaa aggggagatt aatcttcact atatatatta 1560
 acacaaattt ctaaaagtta tttcaacata taattaacat cattagatat tttgtactct 1620
 tttttgtatt aagtattcaa aattgggtgt atattttgcc acccacattt tcaggaccca 1680
 gtagccacat gtggctagtg gctgctgtga cgggcaacac agatatggaa cacttgatc 1740
 ctacagatt attctagtgg acagtgcaga tctagagcta gaggacatgg gtttgagtcc 1800
 ccaactcccc actgtgtaac cttggggaag gttctggacc tctcagagcc tcaatttatc 1860
 ataaaatgag gataatcata atgccgtggt cctcactgga cttgtgcaac taccactgat 1920
 gtgctactaa t 1931

<210> 7491
 <211> 1401
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (97)...(718)
 <223> similar to gi4886445 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7491
 ggggcggtag cgggccgggc ctgggaacgt ggctggttgg aggaggtaga tcaccctttc 60
 tgcgggggac gatttcgctg gtggtaggct gctaccatga ggttgaatca aaacaccttg 120
 ctgctgggga agaaggtggg ccttgtagcc tacacctcgg agcatgtgcc cagcaggtac 180
 cagcagtgga tgaaatcaga ggagctgcag cgtttgacag cctcggagcc gctgaccctg 240
 gagcaggagt atgccaatgca gtgcagctgg caggaagatg cagacaagtg taccttcatt 300
 gtgctggatg ccgagaagtg gcaggccag ccaggcgcca ccgaagagag ctgcatggtg 360
 ggagatgtga acctcttcct cacagatcta gaagacctca ccttggggga gatcgaggtc 420
 atgattgcag agcccagctg caggggtaag ggccttggca ctgaggccgt tctcgcgatg 480
 ctgtcttacg gactgaccac gctaggtctg accaagtttg aggctaaaat tgggcaagga 540
 aatgaaccaa gcatccggat gttccagaaa cttcactttg agcagggtggc tacgagcagt 600
 gtttttcagg aggtgaccct cagactgaca gtgagtgagt ccgagcatca gtggcttctg 660
 gagcagacca gccacgtgga agagaagcct tacagagatg ggtcggcaga gccctgctga 720
 tggctgggcc ttgtgggcag cactctgtg tgagcagggt gttgggcccc tacacttcaa 780
 agaccagagc cctgcactgg gagagtgtct ctggcccagg ctgggaatca cctttcgagg 840
 cccttcagac tctggcgggg cttgctgtgg cctccctcca gctagtgggtg tggctgagca 900
 gactccaggg ccagggccag ttcccttctc ccctcccggc caaaccaga cccagactct 960
 aggaagctgg aatggagggc agggatccat gggagatgtc gggatgaagg tgggagctgg 1020
 aggtgcaggg ggacctgga catggatggg agtgacagg cctttctcct tagaggccag 1080
 aggtgctgcc ctggctggga gtgaagctcc aggcactacc agctttcctg attttcccgt 1140
 ttggtccgtg tgaagagcta ccacgagccc cagcctcaca gtgtccactc aagggcagct 1200
 tggtcctctt gtccctgcaga ggcaggctgg tgtgacctg ggaacttgac ccgggaacaa 1260
 cagggtgtcc agagtgagtg tggcctggcc cctcaacctg gtgtccgtcc tcctctctcc 1320
 tggagccagt cttgagttta aaggcattag tgtagatac agctccttgt ggctggaaaa 1380
 caccctctg ctgataaagc t 1401

<210> 7492
 <211> 3032
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (192)...(1109)
 <223> similar to gi5531815 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7492

gcgcccgcgcg	ggtctggcgcg	gaccggttttg	gaagacttttg	ccggcctgca	gattggcctt	60
aagagaagga	cggagccaca	tactgctgac	ggcccagaac	tggcagagag	aagggttgcca	120
tggtctgtgt	tgacagtttc	tacctcttgt	acagggaaat	cgccagggtct	tgcaattgct	180
atatggaagc	tctagctttg	gttggagcct	ggtatacggc	cagaaaaaagc	atcactgtca	240
tctgtgactt	ttacagcctg	atcaggctgc	attttatccc	ccgcctgggg	agcagagcag	300
acttgatcaa	gcagtatgga	agatgggccg	ttgtcagcgg	tgcaacagat	gggatttgaa	360
aagcctacgc	tgaagagtta	gcaagccgag	gtctcaatat	aatcctgatt	agtcggaacg	420
aggagaagtt	gcaggtttgt	gctaaagaca	tagccgacac	gtacaaagtg	gaaactgata	480
ttatagttgc	ggacttcagc	agcggtcgtg	agatctacct	tccaattcga	gaagccctga	540
aggacaaaga	cgttggcatc	ttggtaaata	acgtgggtgt	gttttatccc	taccgcgagt	600
atttcactca	gctgtccgag	gacaagctct	gggacatcat	aaatgtgaac	attgccgccg	660
ctagtttgat	ggtccatgtt	gtgttaccgg	gaatggtgga	gagaaagaaa	ggtgccatcg	720
tcacgatctc	ttctggctcc	tgctgcaaac	ccactcctca	gctggctgca	ttttctgctt	780
ctaaggctta	tttagaccac	ttcagcagag	ccttgcaata	tgaatatgcc	tctaaaggaa	840
tctttgtaca	gagtctaata	cctttctatg	tagccaccag	catgacagca	cccagcaact	900
ttctgcacag	gtgctcgtgg	ttgggtgcctt	cgccaaaagt	ctatgcacat	catgctgttt	960
ctactcttgg	gatttccaaa	aggaccacag	gatattgggtc	ccattctatt	cagtttcttt	1020
ttgcacagta	tatgcctgaa	tggtctctggg	tgtggggagc	aaatattctc	aaccgttcac	1080
tacgtaagga	agccttatcc	tgcacagcct	gagtcctggat	ggccacttga	gaagttttgc	1140
caactcctgg	gaacctcgat	attctgacat	ttggaaaaac	acatttaatt	tatctcctgt	1200
gtttcattgc	tgattattca	gcatactgtt	gattcgtcat	ttgcaaaaca	cacataatac	1260
cgtcagagtg	ctgtgaaaaa	ccttaagggt	gtgtggatgg	cacaggatca	ataatgcctg	1320
aggctgattg	acgacatcta	catttcagtg	ctttttccct	aagctgtttg	aaagttacgc	1380
ttttctgttg	ttctagagcc	acagcagtcct	aatattgaaa	tataatatga	ttgtgcaggt	1440
cttataaatt	cagatgttgt	tttttaagggt	aaattgacca	tttcactaga	ggagtgtgct	1500
tggtttttaa	atgtgcatca	agaaagacta	ctgaaaagta	ttattttgta	actaagattg	1560
ctggtactat	taggaaaaat	ctgtgtgtat	tgtatagctc	tagctgtttg	actatctgta	1620
atgaaaatgc	tgcacttcaa	ctggtatttc	attagagaac	cgtgtgtgtg	cgtgtgtgtg	1680
gtgcctttga	gcaactttat	ttatggttac	catattttta	aaaagatttt	ttgtcaggat	1740
gacttaacat	ggactcttat	agggatttaa	aacaatctag	attattcctt	ttcatcctaa	1800
ataagcctac	caaatttcat	gctgttggtt	tgccatgaat	gatattactt	cctacattat	1860
atttgtgttt	tttcaaactc	gctatggaat	gaacttattc	ctagatttgg	atatgtaaga	1920
gaaacctgca	gtcatctttt	gatttataag	gcaattcctt	tggataaata	gtgatttctc	1980
agcctctgac	ccattttata	actgaaattt	agcccttttag	agcttggttat	atctgggtttt	2040
cctacgtttt	tctatgtaat	attattccat	tccagtagca	ttattgatag	aaatagtaag	2100
tatttatgga	atagtaaaaat	atggacaaat	tacgtgtgtg	acatatctgt	caaaaataagt	2160
tagaagctta	ttcttggttt	gtgtaatgaa	tttatgtatt	gtagtgaata	cctttactgg	2220
tgtgaagata	attatgcaca	aacctcaca	atacgcgtta	acattgaaac	ctgtgaaatg	2280
tccttaggtt	gggtcatata	aagccaacca	tttttgagga	ccatgtacct	agtgccttga	2340
aaactgtaag	tcactatatg	aatatgacaa	tatgtgcaca	tttaaaattc	agagctcggc	2400
attgtgatac	tgatgcagaa	gctagtagat	tggttaaaaag	tctggacttc	tgtggcatatt	2460
ttttcgtgac	gtgataatct	atcataagca	gacctaaagca	cagtttttatg	aacacaattt	2520
tgcccatgac	attgcctaca	ggatttccag	atgtgacttg	cactcagaag	atcagtggtc	2580
aacttcagaa	gttcttccac	gcttagatca	tgtcttcaga	acttagatgt	gaaaatctac	2640
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ttcatgccac	attgacgtga	actttgatgt	ataataagca	gcagcaactt	catgtgaaaa	2760
tatggtcagg	tagttatatg	taaggttacg	tgggtccagta	atgtcttaga	ttgataaatt	2820
aggtatggaa	tccatcagtg	ttacgtgatg	agaatagggtg	aacacacctt	gtcagtgatg	2880
atgtaaaact	ctctccttgg	caggacatgg	gcaaacatgc	tgattgggtgc	aaatgtgggtg	2940
ccgagctgtc	catagctgca	gtgaaagatg	aagagcaaga	ccttctctag	gttttctagc	3000
tttcattaaa	tgtatttttt	tccccagaaa	aa			3032

<210> 7493
 <211> 1431
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1189)...(661)
 <223> similar to gi2226414 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7493
 tttttttttt ttccatatag taaaatgcct ttattttaaaa aagaagaggt acagtacatt 60
 ataattccaa ggaaattttt gtattttaaaa aatgccaaatt tttggctaaa aactcaaaag 120
 atttcatttta atacttgaat aacaaggaaa ttcacaatta aggctgaaat actgttcata 180
 ttattgtgta tttctaagca tgttatttta agcttggtga ttttaaacca tggttacaga 240
 attgtatagg aatatattga aggcataacc ttatatattat tggaattttg gtttaattgt 300
 ttagaatttc aaaatagtat tgggatgtga aacaggatga ttatcactct gataacaaca 360
 agactgaact gagtccttca ctgtattttt ctaaagaact cacttctagt gagtaagtgt 420
 tcaataacat aaagtttaga aatctttatg ttattaaaaa ttgaattttt ctttcactgt 480
 atcccaatat tttaaatatg cgcttcagga catttcaggt taaaataaaa gtttaaataa 540
 taccctcact acattaaaaa taagatcttt aagtaaactg atttcctaat catattgtca 600
 ttgtgcactg aagttaattc tctgaagact aaatttatat caattgaggt tctgtttccc 660
 ttctaaacgt tcctttacta atttttccaa agcgaaaaga tgctcatctg cttcttctgg 720
 cacaaggttc ctaatagaat ttgcaagttc aaaaagatat tctgtatttc ttccacttgg 780
 accagctgca ttaaaaaattt gttcagcaat gtcttcagga ggtgcaggac caagataatc 840
 aggattatca catgtttccaa tatatagcaa taaactgaat ggttttgttg tgggatcttt 900
 tggataaaaa atgactgttg tgggtctgta gcctcctttt tctctgaagt caaggatatgc 960
 ttttactttc tcttcctttc ctactggcaa tctgtaagca acaccccata cacatcccgc 1020
 aggatcttca acaagagtca caactcttcc aggccttgccg gggaccccgc ggtggtccgt 1080
 gctgccctgc cagaagcgcc tgctgtagtt ggtgatgtat ccgaccagct tgccttgata 1140
 ggggaaatcc accttcacaga tcagggaccc gtaacaaaaa acccacatct tctcgcgggt 1200
 cctctgcccc agtggccgtg aaccctagct gtcgccgcgc cgccggggac tgaagcctcc 1260
 ggtaagcgag taaccggccg cgccggggcg aggcgcgatg gccacttggg gcgcaaagcg 1320
 cactgggagt ttagatccag aaagattttt cgagcggatc tcagtcagct ttattttatt 1380
 tccttgatta ggggtgtcaag aggcattgac cttcggtgta gtaagcaatg g 1431

<210> 7494
 <211> 1702
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (957)...(392)
 <223> similar to gi733605 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7494
tttttttttt ttatagctga tcaagaatth atctttattc tgattatgat tcttcaaaga    60
gcattagttg tttaaattta atttaagcca tgcttaaadc gaatacatatc aaaatatgat    120
tacttatatt ctttttgacc aaagagctga aaattttgtg ttccagttca tcttactcat    180
gttattctga tgcgaaacac tctaaatgca aattgttttg aaagtaaata ggccaagtgg    240
cctaccctgc cttttttata gtataaatc tgtgatactg ctttcttttc agtatatgct    300
cctctgtggg cttttggctt acacggagac catcagctac aacgcatggc agtcagcttc    360
agagtcctcg ctccagtgtg catctcgth ctcagccaca agtttgatga attgagagtg    420
actggcataa agcttcagtt tatcattgat gtccacccat ttcacttttc cagcatcatc    480
tccagcttct agcataagat tatccattat ctcacctgth tcgcatggg agttcacagc    540
ttctgtctcc atccatgcat tatcagtgtt ccaggatca tcaacatadc cttatataat    600
cactaggtgg tcttggtgta agagtttgtg caacttttcc tctatttctc tcttctcagc    660
actggttttc tgtaaggagt tgagagcttc ctcaccaaath tctcttttca gtgtggcact    720
aatcttctct cctggatcca ccatccccc tgggattgcc cattctccac agtctttcct    780
ttttattgca acaaattgta agatatgctt cccagaaaca ggatgcatga ttttatttcc    840
actgctatcc cttttccatc tggttataat gggatctgca gcgtgatttg ggccccatcg    900
ccccaaaagc ccccggccca ccagtccagt ccgtcctgca ggatttctcg gtcttccatt    960
ttcaatctca tacaggccat tcttgctctt tctctcaaca tgcccatcct tttcgthaaa   1020
cttgggagaa aaattacttt cactgatctg aggatctgcc cacctgggtc cagccaagac   1080
agagactgca gtgtattcca caggcttata gtcttgccac tcaacaagcc agcccacttt   1140
ctcattagga acctggcttc gttcaacttt tgaacctggg taaggagacg tccgagcctt   1200
attgtgagaa ttttcttttg aaccattaga accagacatg acgttggtat taagatgaaa   1260
ccaagaagat gaaaacgagt ttctgaacgc ctggatgccg cggcagcgcg aggacctgat   1320
agtcacagag gccaaaggcca gagagagaga caccgcggct aaagcctttc ccaggaggcg   1380
tcccgccatg agcgccccga gggcggtctt gcgatgctag gtcgctctta gttggtgcct   1440
ccgcctcccc acaccccaca gctccgagtc ccggccgcgg gtatctgatg ggcaactagga   1500
cctgtctgcc gttgggttcc cgaacgggag tagctgtgcc tatctataaa tcacagatca   1560
agagccctcc cacgataaga gtccaccgct ttccccagt catcgagaaa aatccagacc   1620
agcacgtgac gccgaagcct ccagcgccag ctgcctgggg aaaccgcggc cacgaacctc   1680
gtaactttct ctcaggaaat cg                                1702

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<210> 7495
<211> 3018
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc feature
<222> (2845)...(1723)
<223> similar to gi37265 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7495
tttttttttt ttaatccagt gattcccaga tttatttggg tatgaccatc tatcccccca    60
gtagtcttca ccaatattct gtggaacaaa tctgtttatt tgcagaacac aattttgaaa    120
agggttattc tgaatgtcta tgaagtgttt taaatatggt acattttaat gaggttatat    180

```

acaaaaatag	cctaatacacc	aacaatgaca	gaaacatcca	ggatacaact	tgtgaaagta	240
aaaatttttta	ttttgattga	tttctcaatg	tatagttcag	tataatgcc	gtttttaatg	300
gcaaaaattt	ggttccactg	aaactccata	atgctacaga	gagctactac	tttttccagg	360
aagtaggtta	acagctagaa	agaaaaagga	caatttccta	gcagcatggc	aacttaaaact	420
gcagatctaa	taggtctgca	acttttacac	taaaaatggc	acaaacagct	ggtgacacaa	480
gtgagaaatg	gggaacaaga	tgtgaacact	gaaaagaaca	atatatatac	tgtaaataatg	540
atgaataaac	caaagttagc	tataagaatc	ttaaaggatg	attatagaaa	agggaaacca	600
atattttcct	caaagtcttt	ttagagcctt	tctgtagcga	tacaaatata	tatatatata	660
tttatccaaa	aatatgtttt	atacagataa	atgttttctca	attaaagatg	ggaccaaagc	720
tataggtata	acataaaagca	cattgtcttt	tgtaagacta	tttatccacc	tgaattttca	780
atttctttta	agttagtgc	ttaaatgttt	tccaaatata	attacctgtc	agtcttttta	840
tagatataaa	tcaagtaggc	attatgtttt	aaaagtgttt	gcagggttaa	cttttctaag	900
atgctgtgca	tattaaactt	attatgagcc	ccattaagaa	tcattattaa	taaacatatc	960
aaaaagggtc	atatgtcaga	ttttcctggt	catagtaaat	attttctgat	ttccagttta	1020
caagtattga	aaatgcacaa	gaaagatttt	acttcacaag	tacttttaag	aatatacttt	1080
gatttaatat	gtatgttagt	aaaactccac	gtgttgtaac	cattattatg	tttttgtttt	1140
taaaatgggg	atgtaatact	aataaccact	acctataaaa	taaagcacac	aattgttccg	1200
gtgattttac	aaatcttttt	ttccagggtg	aaagtctaca	aaaattccaa	aaaattagag	1260
aacactgaaa	acataattaaa	gtttgacatc	caactttata	gtatttccat	gttaccctga	1320
aagataactt	aaaaaatatg	gccttcttag	aacaggccac	tctgctatta	taaaaaattg	1380
gtgacagcaa	gaaattgtat	caactgatatg	tggaattttt	gtaaatagtt	ttctctccaa	1440
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cacagactgt	attttcaaga	acagaaaaat	ctctaattgct	gaaagatata	gtagaaaagca	1680
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tttttttagaa	gatctgcctt	tagttactgt	tggtttcttc	ttcacagctg	gtgcctgaaa	1860
agcagaatgt	tccctccacc	ttcgaagctg	aaaattaatg	aacttccaca	tcataaatgc	1920
ctgagtaacg	caaattggatg	ccagaacagc	gattctaaca	gctaacacat	tgaagtttcc	1980
agtactgaaa	tccagcttct	gattttctgc	tcttgcaagg	ccaaaaccaa	cagtcagtac	2040
tgaagaat	aaagtcagaa	gtcttcccaa	aacaaaaaga	actgcccaca	gagaaaatcc	2100
tttctgatac	ttttcattgc	taaaataaaa	caggcgggaa	atgtggaaaa	gaaattcaac	2160
aaaataatgt	agcaccagaa	gaacaagtcc	tagatgattc	aagttcaaaa	ggtaagctcc	2220
agcaatgtgg	aagaggtaaa	gaccaatgta	gacaagctga	cgaggaatat	cttctttttt	2280
ggttttctgg	aagtagagtt	caggaaaagc	atgaagccag	taagccagct	gtgatatgta	2340
gaaaaacttc	atgtgaaatg	tcattcagggt	atggggataa	gccctccata	agatagttgg	2400
gtctgagatg	tagtttttcag	agatgagaat	gaatgtgccc	caaacacagg	caaaaaggta	2460
gaacgcacta	agctgaccag	attcattaaa	cttgctgtgt	tttgttttgg	agaagtgc	2520
tcgcctgtta	attttatcca	acataatactc	ttgaattacg	gcatgaataa	ttatcgccac	2580
tagcatgtag	aagaaaacag	tagccaaatc	tttgatgcc	tagtaataaa	gggacactga	2640
ttcagtagct	tgttcttctg	ttgctgggag	ggtgacattg	tactgaagag	taacaaaaat	2700
gatagaagct	tttgccgtta	tctcaaacat	gagccccagc	aggaagacca	tcgccacaca	2760
ggagacgatg	tccgcgtgat	tctgcaggac	gaattcgtgg	ctcagcactg	gggggtctct	2820
ggtgcttttc	ttgcgaatcg	ccatgggtgg	gccgccgcc	gcgcctgcag	gtgctccgcc	2880
cgggttctgc	tcttcccagc	tgctcaccga	ctcgccgcc	cctcccgcgtg	gctgctctc	2940
acggccccgc	tgcagccgct	cgctggggct	tcacttccca	tcccacagcc	agtacgcagc	3000
cgccggggcg	cccggggg					3018

<210> 7496
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (581)...(180)
 <223> similar to gi233398 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7496
 tttttttttt ttaccagaaa cacgtgcact ttattgaatg ccattgtaga aaagcgtgtg 60
 aggataaagg gctgatacag gactcggctc cgggggcagg gcgaggaatg gaagttggag 120
 tacgtgggat acaggtcatg ggcagagctc ctggcctcag tgatgcctcc tgatctatcc 180
 ataggcctgg aagatcagca ctgggatgac gatgagcaga atggatcatga ggatgccag 240
 aatcagggcc cagatgttca ggcacttggc ggtggaggca taggcctggg ccccggtcac 300
 gtcgccaacc atcttctgt ccctagactt cacggagtag gcgaatgcta tgaagcccag 360
 gcagcagggg ttcatgaaga ggggtgtgaa cagggaccag acgacatggt cgggcacgga 420
 ggtctcgctg cggatgtgga tcacggtgga cgtcggggga gcagggttgt ggggcgcccc 480
 cagcacagcc acctcgtgct cctccttgag catctcatag ttggggggct ggccgctggt 540
 gacaggagag aagaaggttt ggacagtgtg attcatggtg tccagcgaag accagcggcg 600
 gtcgggttac tgggatgggt ctcatgagc cctccctttc ccagtagtt tcggtttctc 660
 aacagtttcc ttttctggtc atttgtcaaa tcgggatttg gccgggccag atgagggcgg 720
 aacaaattcc tgaggatcaa attactttaa gatagagagg aaggaggggc tgaggggctaa 780
 gaggggcctc ctctctagag cccaaggag ca 812

<210> 7497
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (388)...(728)
 <223> similar to gi3878329 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7497
 agtgggaggt gcactttact tcctgactcc tttccttttt ccagtgggta tcgcggcgcc 60
 caccggcctc tgatctctga gtcttctcca acccacagac gttttttgtt gctctgggtc 120
 caggaccttc tccacaacta ggccattttc cctgccaggt gtcctttttg acctcttgac 180
 ctctgactca aagggcctgc tccccctcat gtcttcggcc tggagaagag ccagctcctg 240
 aaggaggcct ttgataaggc cggccccgtc cccaagggca gagaagatgt gaagaggctt 300
 ctgaaactac acaaggaccg gttccgaggt gacctgcggt ggatcctctt ctgtgcagac 360
 ctgccgtccc tcatccaaga aggccctcaa tgcgggctgg tggccttggt gatggcaggt 420
 actctcctgt cgccccccag tggcgctccc ctggagagac tcatacgggt ggccacggaa 480
 agaggctaca cggcccaggg agagatgttc tcagtggccg atatgggcag gctggcccag 540
 gaggtgctgg gctgccaggc caagctgctc tctggtggcc tgggcgggtc caacagagac 600
 ctcgctctgc agcacctggt cactggacat cccctgctca tcccctacga cgaggacttc 660
 aaccatgagc cgtgtcagag gaagggccac aaggcacact gggcgggtgag tgcaggggtc 720

ctgctgggtg ttcgggctgt gccagtcctc ggctacactg

760

<210> 7498

<211> 2045

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1748)...(1083)

<223> similar to gi4704208 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7498

tcgcgatcta	gaactagtcc	ggacgcgtgg	gtactgtag	aaatggctgt	tgtcaattat	60
gaggaaatcc	agtagttctc	tgggagagat	ctgaattagt	agcgttgaga	ggctattcct	120
gaaccccata	ttagaatcct	tcacaaacta	ctgcagtttg	ctgcttggtc	ctgaaataag	180
agacaatgga	tgaacccaaa	taattttcaa	cccttattgt	gaatttacat	ttctttaaat	240
aatattttaat	caatgaatca	caaataattta	acctgtcatt	atgtcacccc	gctggacaat	300
aatggagaga	gtggggatc	actgctgtct	tataactttt	aacccacaaa	actttatttg	360
catccccatt	aaaggacaag	gccatgctcc	atttctgatc	tgttcctggg	tcactcagaa	420
actgaggctt	tcagacagat	ctgtgcagtg	atgagaagga	ccactttttt	gaaatgtgga	480
gaaaaaaaata	tgacatcttt	taatgtcagg	cttcttatct	gagcaaaaaa	acatgtatca	540
tcttttcttt	ttgtcagtg	gacagctgga	tgacaagaag	acctacaact	gagtagaagg	600
ctgtgacttc	tttctttctc	ctccatgcta	tcaacatgag	tctttaaatg	tcctgtaaga	660
ttctgagatt	ttaattttga	atacaacctc	ctaaaaagtg	aggtaaaaaa	ctatcttcaa	720
cttctatatt	gcaaatttgt	tgatactacc	aatgcacgtg	tttaactgag	atgcataaaa	780
gcctttctcc	tcaaaaggct	tatgtttaac	taaaattgtc	acttttaaaa	gaaagtttat	840
ggctaaaatg	tatatcatca	ttatcagcag	gagtatgatt	gtgtctggga	gcccatttca	900
ctagatagcc	caaagtcttc	tatcaaatgg	gttataatgt	gtttcttcta	ttctgggtgat	960
taaacagtaa	gctcttgga	gtgatttggt	tttattttta	cagtgatcac	ctatcaaact	1020
gttctgctgt	gttatagttc	ccaaactgga	gttcaacagt	cttagaaaatt	cagtgggtcta	1080
agaactgcag	ttcttgagtc	caacctcctg	gaaaagtga	gtataaaaact	ctggctccag	1140
ctgcttggtc	cggtagctgt	tgacaatgtc	ggtgattttc	tgtttccggc	ggacatgggg	1200
gggactgtag	gagtcacttt	ccagtctctt	tcttctacaa	atgttaatta	cagtctgcct	1260
caccagaaaag	ccaagagctc	gctgctgac	aatcatccca	tccacaagag	ggatgaccat	1320
attaaatttt	ccagtggctc	cttgaatttt	tatccggaat	aatccagtgt	ttaaaggggtg	1380
gatgaagatg	acaggaactt	ctttttcaag	agttgtagat	ctcagtgaag	tgctactatt	1440
tgcatgagtt	tccacaccag	tactgatctc	tgtcatcagc	tctgagaggg	gaaagttttc	1500
tatatcatca	tagcgttcca	cccagactac	agaaactctt	gtctcaggtc	caaggggagg	1560
aacagggcga	ccctgaggca	gcttcctcat	tctggaactg	ggactgagcc	tctgtgagga	1620
attaagattg	tctgtatgat	tggggaaaag	ctcaagtgtc	agggatggct	gtttcagaat	1680
tcctggcata	agatccatat	ttgaatcact	atcttggtcc	gagatgttac	tttccaatga	1740
atcagttaag	gactccacag	gagaaggaac	cacaaaagca	atttctgtaa	gggcatcagc	1800
ataatacagc	accttcttct	gtccattgaa	aatgctagct	ccaatatctt	cagagggaat	1860
cacttcttct	tgttgagatc	cttcaccatc	atcacacaaa	ttaatagacc	aactggtaga	1920
aacatgccca	gtccaaccag	ggtgtctgcc	cacatctact	gaccagccaa	gggaaagcaa	1980
aaattctagg	aaatgtggct	gaacagttct	ggaagactcc	acattcttta	aaatctcttg	2040
gttcg						2045

09488725-013100

<210> 7499
 <211> 1827
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1741)...(457)
 <223> similar to gi587146 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7499
 ttaggcaaac tttccaaccg ccaggatatt gcggttgttt ttccccttat tccctttaaa 60
 attttttttt ttccctaaag gcttttaaatt tcgtaggagg gttggggcaa tttgtccccc 120
 ccccaaagga aggggttctt tccaaaattc ccaggtaggt ttttattctg ctccctataa 180
 ggaaaaaagt tttgcgttgg aaggccgggt taaatttggg ccccctaagg gttcttttaa 240
 acgggcccc cttttttttt tttttcattt ttagttttgt taaaaaaaaa ttctgacaaa 300
 tcagaaatgg ggggttcagga gtggtggtga tgcaaaagat ggaagccatg ggggtgggggc 360
 tgtcaggggt gggggcagta gtgtctcctt cacccccacc ctggtgtcct ctccctgaagg 420
 acagacggtc acattccaaa atgggcgagt cttctaccgt gtctgttcaa tgtaggagga 480
 gatgtctatc tcatcaggca gctcactaat attgacctca aagcgatcct gcacatcatt 540
 gaggatcttg gcatcattct catcggacac aaatgtgata gccaagccct tggtgccaaa 600
 cgggcctgct ctggccaccc gatgcaggta ggtgtcagaa tcctcaggca tgtcataatt 660
 aaaagcaatg ttcaccgcgt cgatgtccat gcctcgcca aatagggttg tagccacaag 720
 aattcgtcgt tgaaaatctt taaactgctg ataccgagaa agcctctcct cctggggcat 780
 cccacggtgg atggcaatgg ctgggaagtt ctgctccact agtagctggg ccaaggcaat 840
 gcaccgctgc acagacttca caaagatcac cacctggttg aactcaagga catccagaag 900
 gtcaaagagc ttccggttct tctcgttgtc cttcagtttc acgtagtact gctgcaaccc 960
 atgcagcgtc aacttcgtct catcatccac gaagatctcc attggatctt gcatgaactt 1020
 gcggcagact ggacggatct ctttgctcaa ggtagcactg aacatcatga cctgcttctc 1080
 gtgggggggtc atgcgaaaaa tttcctggac atcccgcgc atgtcgagct gttcaagcat 1140
 cttatcacat tcatccaaaa taaagtgttt aatgtgtttg aggttgaggc tcttatttctg 1200
 agccagggtc aggatacggc ctggagtccc cacgacgata tgcgggcagt tcttcttcag 1260
 cacctcttca tcttcttga tagacagacc accaaaaaaa acagcaacct tgacattggg 1320
 catgtattta gagaagcgct catattcctt gctgatctga aaagccaact cccgagtgtg 1380
 acacatcacc agtacagaca cctgcccagt aactggctcc agctgttgca gtgtggccaa 1440
 gacaaacact gctgtctttc ccatgcccga cttggcctgg cacaggacat ccattcccag 1500
 aatggcctga gggatgcact catgctggac ttctgacgga tgctcaaagc cacagtgcac 1560
 aatggcccgg agcaactctg gcttgagcag gaagtcacga aagccagagc tgtggatgga 1620
 gacataggag cccttgacat ccttcttggc aggggcctca gcccattctc cccagctgc 1680
 tgtctccacc tcatcatctt catagtccaa gagctcattg tccacatcgt tctctgccat 1740
 aactaaacag ggagagcgcg tatggcggca gcaacagcga cgaaggaggg aaatctgcct 1800
 tcacttccgg ttgcaggctt ccctcta 1827

<210> 7500
 <211> 1031

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (124)...(756)
 <223> similar to gi3879170 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7500
 ggaattcccg gaccgggagg attggcccct tagcgcccg gcgtcggggc ggtaaaaggc 60
 cggcagaagg gaggcacttg agaaatgtct ttcctccagg acccaagttt cttcaccatg 120
 gggatgtggt ccattggtgc aggagccctg ggggctgctg ccttggcatt gctgcttgcc 180
 aacacagacg tgtttctgtc caagccccag aaagcggccc tggagtacct ggaggatata 240
 gacctgaaaa cactggagaa ggaaccaagg actttcaaag caaaggagct atgggaaaaa 300
 aatggagctg tgattatggc cgtgcggagg ccaggctgtt tcctctgtcg agaggaagct 360
 gcggatctgt cctccctgaa aagcatgttg gaccagctgg gcgtccccct ctatgcagtg 420
 gtaaaggagc acatcaggac tgaagtgaag gatttccagc cttatttcaa aggagaaatc 480
 ttcctggatg aaaagaaaaa gttctatggt ccacaaaggc ggaagatgat gtttatggga 540
 tttatccgtc tgggagtgtg gtacaacttc ttccgagcct ggaacggagg cttctctgga 600
 aacctggaag gagaaggctt catccttggg ggagttttcg tggtagggatc aggaaagcag 660
 ggcattcttc ttgagcaccg agaaaaagaa tttggagaca aagtaaacct actttctgtt 720
 ctggaagctg ctaagatgat caaacacag actttggcct cagagaaaaa atgatttgtt 780
 gaaactgcc agctcaggga taaccaggga cattcacctg tgttcatggg atgtattgtt 840
 tccactcgtg tccctaagga gtgagaaacc catttatact ctactctcag tatggattat 900
 taatgtatgt taatattctg tttaggccca ctaaggcaaa atagcccca aacaagactg 960
 acaaaaatct gaaaaactaa tgaggattat taagctaaaa cctgggaaat aggaggctta 1020
 aaattgactg c 1031

<210> 7501
 <211> 1497
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1286)...(269)
 <223> similar to gi4589248 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7501
 tttttttttt ttagtctctc aatactttac tcggccatat ccccgatac cccacagca 60
 atttcaccaa cacagagcaa ctgccctcag ccactctgat gtgatggagc caatccaggt 120
 gtcctagaaa tatcctagaa atgcagagca tggggaaatc acagaacctt gggaaatgcc 180
 ataagaacct gggctctgga aagtgccatc cacctccccct ctggtcaggc tggcggcact 240
 gacaaggcat ccacagggca gccatgctat ggcccagacc tccggatatg caggaaccgg 300
 ggccctccac agaagtccct gcgcacagcc acaagattaa ggtacaggtc aggccggctc 360

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tgaagccagc tgctgacaag ctccgggtgc cttgggtcca cttctaagaa gatactacca 420
gagtcctttca ggagccgggg tgccaaggcc agaagtgtgg taatgatgtc catgccctcc 480
tccccaccat ccagggccgc ggggtcttca tagctgcgga tctcaggggc cagctgctcc 540
atgtcctggt ggaagacgta gggaggggtg ctgacaatca ggtccatggg gccccagggc 600
aggtgtgtcc agctcctttc tgaggtcatg tcgaggtgga tgatccaaat cctgtcctgc 660
aaccgaagcc tctgagcatt ctcatgggtc agagagatag cagcttcccg cttatccaca 720
gcaatgactc ggctctgggg gagctggctc agcaggctga gggagatggc tcctgatccg 780
cagcccacct ccagaatgag ggggtgcct ggggatccca cagcatggga cctctggccc 840
acctcttcca gcacccactc aaccagttcc tctgtttctg gccgcggaat aaacactggg 900
ggcaccatcc ttaggctgag cccctggaag tcccactctc caaggatgta ctgcaccggc 960
atcctctgca atcgacggct actcagctcc cggatacact gtagttgctg agaggtcaag 1020
ggctgggtcc aaagtgcccg cctcaggtcc tgaaatgttt tggctccaag gacatgagcc 1080
acgatgtact cactggattc ccgggcctca gggatacccc tcttctcaaa gaccccagtc 1140
cagtggctga ccagttctat ggcactggat aaccagcca gaggtggttg gggttgccat 1200
gagctgaagg ccagccccg ggtacttccc ctccctccctg ggccagacag gagggcccac 1260
agcattcggc cccaaagctc catgtctcag ggaaagggtt tccagagtgc ttccaggttc 1320
ccaagtctgc tttatgatgt cagctgctga ggtgagtgct gagagtggcc cctggacca 1380
gctgggtgga gatggagagg tcacaagctc tgggtcccca aaatggctct ggtcctcaga 1440
tatagttggt tgccaccctg cctgaaaggc tgccccacac acccaccagc cggagaa 1497

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<210> 7502
<211> 2007
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2008)
<223> n = a,t,c or g

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<220>
<221> misc_feature
<222> (87)...(1149)
<223> similar to gi3878636 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7502
ggagcaaggg gaagaagagg atgggctcgt ccatgtcggc ggccaccgcg cggaggccgg 60
tgtttgacga caaggaggac gtgaacttcg accacttcca gatccttcgg gccattggga 120
agggcagctt tggcaagggtg tgcattgtgc agaagcggga cacggagaag atgtacgcca 180
tgaagtacat gaacaagcag cagtgcacg agcgcgacga ggtccgcaac gtcttccggg 240
agctggagat cctgcaggag atcgagcag tcttcctggt gaacctctg tactccttcc 300
aggacgagga ggacatgttc atgggtcgtg acctgctact gggcgggggac ctgcgctacc 360
acctgcagca gaactgacg ttctccgagg acacgggtgag gctgtacatc tgcgagatgg 420
cactggctct ggactacctg cgcggccagc acatcatcca cagagatgtc aagcctgaca 480
acattctcct ggatgagaga ggacatgcac acctgaccga cttcaacatt gccaccatca 540
tcaaggacgg ggagcgggag acggcattat caggcaccaa gccgtacatg gctccggaga 600
tcttccactc ttttgtcaac ggcgggaccg gctactcctt cgaggtggac tgggtggtcg 660
tgggggtgat ggcctatgat ctgctgcgag gatggaggcc ctatgacatc cactccagca 720
acgccgtgga gtccttggtg cagctgttca gcaccgtgag cgtccagtat gtccccacgt 780

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ggccaagga gatggtggcc ttgctgcgga agctcctcac tgtgaacccc gagcaccggc 840
tctccagcct ccaggacgtg caggcagccc cggcgctggc cggcgctgctg tgggaccacc 900
tgagcgagaa gaggggtggag ccgggcttcg tgcccaacaa aggccgtctg cactgcgacc 960
ccacctttga gctggaggag atgatcctgg agtccaggcc cctgcacaag aagaagaagc 1020
gcctggccaa gaacaagtcc cgggacaaca gcaggagacag ctcccagtcg gagaatgact 1080
atcttcaaga ctgcctcgat gccatccagc aagacttcgt gatttttaac agagaaaagc 1140
tgaagaggag ccaggacctc ccgagggagc ctctccccgc ccctgagtcg agggatgctg 1200
cggagcctgt ggaggacgag gcggaacgct ccgccctgcc catgtgcggc cccatttgcc 1260
cctcggccgg gagcggctag gccgggacgc ccgtggtcct cacccttga gctgctttgg 1320
agactcggct gccagaggga gggccatggg ccgaggcctg gcattcacgt tcccaccag 1380
cctggctggc ggtgcccaca gtgccccgga cacatttcac acctcaggct cgtggtggtg 1440
caggggacaa gaggctgtgg gtgcagggga cacctgtgga gggcatttcc cgtgggcccc 1500
cgagaccgcg ctagatggag gaagcgctgc tgggcgccct cttaccgctc acggggagct 1560
ggggccatgg atgggacagg agtctttgtc cctgctcagc ccgagggctg tgcacggccc 1620
tcgtcacaag gtgacccttg cagcacaggc cgcgggtgcc ccaggctcgg ctcagttctt 1680
ggaggtcaag ggcattgggt gggtagtgg gtggggagggt gaatgttttc tagagattca 1740
aactgctcca gcaatttctg tatagttttc acctctgaga attacaatgt gagaaccgct 1800
caaaaaaaaa aaaaaggggg ggccctttta aaagaacaaa tttttactcc cggggggttg 1860
caaggtatth tttttttttt ggggccccaa aattaaattc cgggggcggg tttttaaaaa 1920
ggggggagtg gaaaaaccct ggggttacct aattttatth gttttggaga aanatntntt 1980
tactnntttt tatttaatat gttttttt 2007

```

```

<210> 7503
<211> 839
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(761)
<223> similar to gi2832832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7503
ctcccgggttc gacgatttctg tggcgccccg gcctggcgcg gagcctgagc ccgccggacg 60
ggaggcgggcc ccgcgcgggg ctcggccccg gccccagccc cgccagcatg gccggccgga 120
ctgtacgggc cgagaccggg agccggggcca aggatgacat caagaagggt atggcgacca 180
tcgagaagggt ccggagatgg gagaagcgat ggggtgactgt gggcgacact tcccttcgta 240
tcttcaagtg ggtgccagtg gtggatcccc aggaggagga gcgaaggcgg gcaggtggcg 300
gggcagagag atcccgtggc cgggaacgtc ggggcagggg cgccagtcct cgaggggggtg 360
gccctctcat cctgctggat cttaatgatg agaacagcaa ccagagtttc cattcggaag 420
gttccctgca aaagggcaca gagcccagtc ctgggggcac cccccagccc agccgccttg 480
tgtcacctgc cggaccccca gaagggttcc ctgaggaggc tcagcccca cggtggtggc 540
aagagagaga tcccgggggc ataactgctg gcagcaccga cgaaccccca atgctgacca 600
aggaggagcc tgttccagaa ctgctggaag ctgaggcccc cgaagcttac cctgtctttg 660
agccagtgcc acctgtccct gaggcagccc aggggtgacac agaggactcg gagggtgccc 720
ccccactcaa gcgcactctgc ccaaagccc ctgacccttg agaagccggc ctgcctgtcc 780
tggtgcccc a ggggccccctt tggcttttta caaataaaga cccttttgta aaaaaaaaa 839

```

<210> 7504
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (289)...(549)
 <223> similar to gi57605 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7504

ccggccagca	ccacggacgg	cgcccaggaa	gcccagatcc	ccctggacgg	ggccttcttg	60
attccgaggg	ccccggcagg	ttcgcccaag	ggctgcttcg	cttgcggtgc	caagccccct	120
gccctgcagg	ctccggcggc	ccctgcccct	gagccctcgg	cctctcccc	gatggcgccc	180
acactgttcc	ccatggagtc	caagagcagc	aagaccgaca	gcgtgcgggc	tgccggcgcg	240
ccccctgcct	gcaagcacct	agccgagaag	aagacgatga	ccaacccac	gaccgtcatc	300
gaggtctacc	cggacaccac	cgaggtgaac	gactattacc	tgtgggtccat	cttcaacttc	360
gtctacctca	acttctgctg	cctgggcttc	atcgcccttg	cctactccct	caaagtgcga	420
gacaagaagc	ttctcaatga	cctgaatgga	gccgtggagg	atgcaaagac	ggaccggctg	480
atcaacatca	ccagatccgg	tctggcagcc	tcctgcatca	tgctatggat	ggctctctct	540
gtgatagcca	ctcaccgtgg	gctaaggctc	tccgcgtcca	tattggttgc	ggaaccccat	600
gactggaata	cagagagacc	acaagtcacg	tttcgcgagc	gatgtcctgc	actgtaactt	660
gaaatcactc	aggtgaccgt	acgaggctag	atattatgaa	gctgtcgtat	accctgcccc	720
gaggtccg						728

<210> 7505
 <211> 1293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (761)...(914)
 <223> similar to gi576631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7505

tttttttttt	ttaagaagaa	aaaataataa	acttagtttc	tgtatgagca	tccgcgtaag	60
gaggcttctg	attttctggg	ctgggtggagg	gttgggtggg	aacttgggca	tcgtttttct	120
cctccctctt	gttcttgcaa	agatccctagc	acctgatctc	tagcccagga	ctatatgttc	180
caggcagaaa	tctacccaag	aagaggggaag	attgggtgaat	ttgatgtggg	aggggtgcctt	240
tccccagtca	gtttgaagtc	acagatatcc	ttttcctctc	atttcttttc	cctcggttcc	300
tagacgttcc	tcggagctct	ttgatgcctc	agacctttcc	cttttatccc	tcttgctcag	360

gtgcttcctt	tcacaacttt	ttccagaggg	caggcgtcct	agctccagtt	gctccatccc	420
ttggggccctc	ccctgctctt	catctagcca	aactggtttg	agtcagccac	accccttccc	480
agctccctgg	gctcttcacg	tgggtggctgg	ccactcaacc	ccacccttg	gcttggcttg	540
gagccctgag	tcagctccat	caccacccaa	gccaaaccaa	agctgaggca	ggagccgaaa	600
ctcagagtcc	ttcaaggcct	atagccaggt	gatggaggac	gaggagaagg	cagtggagat	660
cttgggcaac	acggaagctg	ctcatcctcc	atccccatc	cgctgctgct	ggctccgcct	720
ccgctgcttg	gcagctacta	gcattatctg	tggctgctct	tgcttgggag	tcattggctct	780
ggtgtttgcc	atcaaggcgg	aagagcggca	taaagcaggc	cggtccgagg	aggcagtgcg	840
ctggggggcc	cggggccgga	aactcatcct	ggccagcttt	gctgtctggc	ttgctgtcct	900
cattctgggt	cccctgctgc	tgtggttgct	ctcctacgcc	atcgctcagg	ctgagtgacc	960
ctggatggcc	tctgctgaga	gccagccgag	acctcctgga	tcctgcaatg	cggcattgct	1020
aaggtcctgt	gacagcagtg	gttgggaagg	tccgtgttgg	aaggatgggg	actctctcaa	1080
ggggcctttg	aagagctctt	ctagcccttt	ataaaaggag	ggcagcagct	gagactgatg	1140
agaggagggc	agcctgctct	gttcttttcag	ggccccccac	ccccatctcc	cctaccctag	1200
cccaccctag	ggcctctacc	cagcgggagg	ggttgaagac	caggcctggt	tttattagaa	1260
ttcattttgt	aataaaagcc	tttttttagtg	gtg			1293

<210> 7506

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (871)...(1536)

<223> similar to gi5911823 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7506

agcatcaaca	acggaggetg	tcagcaggtc	tgtgtgaaca	cagtgggcag	ctatgaatgc	60
cagtgccacc	ctgggtacaa	gtccacttgg	aataagaaag	actgtgtgga	agtgaagggg	120
ctcctgccca	caagtgtgtc	accccgctg	tccctgcaact	gcggtaagag	tgggtggagga	180
gacgggcgct	tcctcagatg	tactcttggc	attcacctct	cttcagatgt	caccaccatc	240
aggacaagtg	taacctttta	gctaaatgaa	ggcaagtgtg	gtttgaaaaa	tgctgagctg	300
tttcccagag	gtctgcgacc	agcactacca	gagaagcaca	gctcagtaaa	agagagcttc	360
cgctacgtaa	accttacatg	cagctctggc	aagcaagtcc	caggagcccc	tggccgacca	420
agcaccctta	aggaaatgtt	tatcactgtt	gagtttgagc	ttgaaactaa	ccaaaaggag	480
gggacagctt	cttgtgacct	gagctgcac	gtaaagcgaa	ccgagaagcg	gctccgtaaa	540
gccatccgca	cgctcagaaa	ggccgtccac	agggagcagt	ttcacctcca	gctctcaggc	600
atgaacctcg	acgtggctaa	aaagcctccc	agaacatctg	aacgccaggc	agagtccctgt	660
ggagtggggc	agggtcacgc	agaaaaccaa	tgtgtcagtt	gcagggctgg	gacctattat	720
gatggagcac	gagaacgctg	cattttatgt	ccaaatggaa	ccttccaaaa	tgaggaagga	780
caaatgactt	gtgaaccatg	cccaagacca	ggaaattctg	gggccttgaa	gacccagaa	840
gcttgggaata	tgtctgaatg	tggaggtctg	tgtcaacctg	gtgaatattc	tgcatatggc	900
tttgcacctt	gccagctctg	tgccctgggc	acgttccagc	ctgaagctgg	tcgaacttcc	960
tgcttcccct	gtggaggagg	ccttgccacc	aaacatcagg	gagctacttc	ctttcaggac	1020
tgtgaaacca	gagttcaatg	ttcacctgga	cattttctaca	acaccaccac	tcaccgatgt	1080
attcgttgcc	cagtgggaac	ataccagcct	gaatttgga	aaaataattg	tgtttcttgc	1140
ccaggaaata	ctacgactga	ctttgatggc	tccacaaaca	taaccagtg	taaaaacaga	1200
agatgtggag	gggagctggg	agatttcact	gggtacattg	aatccccaaa	ctaccaggc	1260

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aattacccag ccaacaccga gtgtacgtgg accatcaacc cccccccaa gcgccgcac 1320
ctgatcgtgg tccctgagat ctccctgccc atagaggacg actgtgggga ctatctgggtg 1380
atgcggaaaa cctcttcac ccaattctgtg acaacatatg aaacctgcca gacctacgaa 1440
cgccccatcg ccttcacctc caggtcaaaag aagctgtgga ttcagttcaa gtccaatgaa 1500
gggaacagcg ctagagggtt ccagggtccca tacgtgacat atgatgagga ctaccaggaa 1560
ctcattgaag acatagtctg agatggcagg ctctatgcat ctgagaacca tcaggaaata 1620
cttaaggata agaaacttat caaggctctg tttgatgtcc tggcccatcc ccagaactat 1680
ttcaagtaca cagcccagga gtcccagag atgtttccaa gatcgttcat ccgattgcta 1740
cgttccaaag tgtccagggt tttgagacct taaaaatgac tcagcccacg tgccactcaa 1800
tacaaatggt ctgctatagg gttggtggga cagagctgtc ttccttctgc atgtcagcac 1860
agtcgggtat tgctgcctcc cgtatcagtg actcattaga gttcaatttt tatagataat 1920
acagatatatt tggtaaattg aacttggttt tcttttccca gcatcggtga tgtagactga 1980
gaatggcttt gagtggcatc agcttctcac tgctgtgggc ggatgtcttg gatagatcaa 2040
gggctggctg agctggactt tggtcagcct aggtgagact cacctgtcct tctgggggtct 2100
tactcctcct caaggagtct gtagtggaag ggaggccaca gaataagctg cttattctga 2160
aacttcagct tcctctagcc cggccctctc taaggagacc ctctgcactc gtgtgcaggc 2220
tctgaccagg cagaacaggc aagaggggag ggaaggagac ccctgcaggc tccctccacc 2280
caccttgaga cctgggagga ctgagtttct ccacagcctt ctccagcctg tgtgatacaa 2340
gtttgatccc aggaacttga gttctaagca gtgctcgtga aaaaaaaaag cagaaagaat 2400
tagaaataaa taaaaactaa gcacttcttg agacatagtc gacgcggccg 2450

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<210> 7507
<211> 1514
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (247)...(564)
<223> similar to gi4160196 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7507
ggaattcgac ttccttgcgt gttgctaaga cactcttggt tcgctccttg acaaccctgg 60
cggggggttc ctggtgcggt ccccggtccc ggcccccgca ggagcagcac cccccgggga 120
aagacatttt ctgctcccac cgagttggca gggcctgctt cctgaatctc ctgggtgtgt 180
cttaactgcc agtcccagca cctcctgaaa gccccactct cctccagtggt tcacagtgga 240
aggatcatgg gagaaacaga agggaagaaa gatgaggctg actataagcg actgcagacc 300
ttccctctgg tcaggcactc ggacatgcca gaggagatgc gcgtggagac catggagcta 360
tgtgtcacag cctgtgagaa attctccaac aacaacgaga gcgccgcaa gatgatcaaa 420
gagacaatgg acaagaagtt cggctcctcc tggcacgtgg tgatcggcga gggctttggg 480
tttgagatca cccacgaggt gaagaacctc ctctacctgt acttcggggg caccctggct 540
gtgtgcgtct ggaagtgtc ctgacactct gtcccctgcc ccgtcccctg cagggccttt 600
tctgccact catctggggg ggggagcagc cctaggcagg tcttggtttt tccaaggaga 660
gttgggggtct tttctttttg tctttgtgta ccagtttctt gagccacgcc cagtgtgtga 720
acttgacatc tccatcccca ggctctcaac tgtctccctc ggagtctcag ggtgtggacg 780
gggcagcggg catgggtctg tgtgggagac gtgggggtgg gcggtgtgac agggtagagg 840
aggtgggaga tgagatcttc cgcacaggaa cacgccagtc cccctttctc cagggtgcc 900
ttcccttgct atcctgggag cccactgcc ctgccatccc cagtactgcc ggggaagtgtc 960
ggccgtcctt gtcattagtg gtcatatgaa aatggcccca agaaggagat gattctttca 1020

```

```

agggacacag gcagcttctc tccttgctct ctggggaggt gctgaccctt cagaaacccc 1080
ttccccaac ttgaccccag gctgaacaga ccactgcata tcaactggcc agcagcccc 1140
ccagcccca gccttggtgg ggaccaagca gcctttcccg tccctctctc gaccctgata 1200
gttgagagcc aggggctggg gtgtgggagc tgctacctgg cagtttctcg aggggtcacc 1260
gagcctctgg tgggacacct gggcaggagt gctctacca cgaggctgct tccgcaggga 1320
acctggcct gccgcgact tcgcatacag gaccgcatac tgatttgatc tgctctctgc 1380
tgggttttct atgttctttt cgagtgtggg aaaagggttt tagtagaagg gtgaatcgta 1440
ttttacacag cgttcttatt tatataaatg tcttggtttt tacaattaaa atgacccaaa 1500
actgaaaaaa aaaa 1514

```

<210> 7508

<211> 3372

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (259)...(2062)

<223> similar to gi2463542 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7508

```

gaaggagcgg gcatgagggc ctgcccgtgc cgtgggagcc tgaacgaggc ggaggccggg 60
gcgctgcccg cggcgcccg catgggactg gaggcgccgc gaggagggcg gcggcgccag 120
ccgggacagc agcgacctgg gccggcgca ggggcccccg cggggcgcc ggaggggggc 180
gggccctggg cccggacaga ggggtccagc ctccacagcg agcctgagag ggccggcctc 240
gggcctgcgc cggggacaga gagtccgcag gcagaattct ggacagacgg acagactgag 300
cccgcggcag ctggccttgg agtagagacc gagaggccca agcaaaagac ggagccagac 360
aggtccagcc tccggacgca tctagaatgg agctggtcag agctggggac gacttgcttt 420
tggacggaga ccgggacaga tggccttttg actgatccgc acaggtccga cctccagttt 480
cagcccaggg aggccagccc ctggacacag ccagggggttc atgggccctg gacagagctg 540
gaaacgcgat gggtcacagac tcagccagag aggggtcaagt cctgggctga taacctctgg 600
accaccaga acagttccag cctccagact caccagaag gagcctgtcc ctcaaaagag 660
ccaagtgtcg atggctcctg gaaagaattg tatactgatg gctccaggac acaacaggat 720
attgaagtc cctggacaga gccatatact gatggctccc agaaaaaaca ggatactgaa 780
gcagccagga aacagcctgg cactgggtgg ttccaaatac aacaggatac tgatggctcc 840
tggacacaac cttagcactga cggttcccag acagcacctg ggacagactg cctcttgga 900
gagcctgagg atggccatt agaggaacca gagcctggag aattgctgac tcacctgtac 960
tctcacctga agttagaccc cctgtgccct gtgccccgc tcattcattac ccctgagacc 1020
cctgagcctg aggccagcc agtgggaccc cctcccggg ttgagggggg cagcggcggc 1080
ttctctctg cctcttcttt cgacgagtct gaggatgacg tgggtggccg gggcgagggt 1140
gccagcgatc ccgaggacag gtctgggagc aaacctgga agaagctgaa gacagttctg 1200
aagtattcac cctttgtggg ctcttccga aaactacc cttgggtcca gctttctgga 1260
catgctggga acttccaggc aggagaggat ggtcggattc tgaacggtt ctgtcagtgt 1320
gagcagcgca gcctggagca gctgatgaaa gaccgcgtgc gaccttctgt gcctgcctac 1380
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tttgagggcc cctccattat ggactgcaag atgggcagca ggacctatct ggaagaggag 1500
ctagtgaagg cacgggaacg tccccgtccc cggaaggaca tgatgagaa gatggtggct 1560
gtggaccctg gggccccac ccctgaggag catgcccagg gtgcagtcac caagccccgc 1620
tacatgcagt ggagggaac catgagctcc acctctacc tgggcttccg gatcgagggc 1680

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00433725.012345

```

atcaagaagg cagatgggac ctgtaacacc aacttcaaga agacgcaggc actggagcag 1740
gtgacaaaag tgctggagga cttcgtggat ggagaccacg tcatcctgca aaagtacgtg 1800
gcatgcctag aagaacttcg tgaagctctg gagatctccc cttctttcaa gaccacagag 1860
gtggtaggca gctccctcct cttcgtgcac gaccacaccg gcctggccaa ggtctggatg 1920
atagacttcg gcaagacggg ggcccttgccc gaccaccaga cgctcagcca caggctgccc 1980
tgggctgagg gcaaccgtga ggacggctac ctctggggcc tggacaacat gatctgcctc 2040
ctgcaggggc tggcacagag ctgagctgct cagccaccat caggttaatt ggatggcgcc 2100
agtctggctg gaggagccct gagatgccat gggaggcctg aggttgggca cgggggagct 2160
ggcctccagg gacgggagag attgtgtcat gtgccacacg agaccaacgt ggaaaagtct 2220
gaagggcctt gggagaccag gtagcacctg gccccatcat gatgcagggg ttttggggag 2280
ctggaaggaa ggtgatgagg cagtgagtca gaaaaaccag aacggggctc ccgcatctgc 2340
tgggaaggct tctgaggggc tgccctgaga gcattcagtt cacatgtcac agggatatgt 2400
gtgacagggg gcctgtggac acatgaatca cttctaacct gcctccctgt cagcctccag 2460
gctgccagct ggctgaggcc agggactggg tcaggctcat ctgtggcgcc tcagagggtc 2520
agcatcattg gtgaacagat gcaggcgctg ctggaccatc tggggagagt gacagtccat 2580
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tgggactgga tgcggcctga gggctgatac cgctggcgcg tctcctgccc tgctgtggcc 2700
ctgtgggata ctccgtgttc ctcggcgac tctgtgacc tctgcagac ccaaaccaca 2760
gccacatccc agcttctgtg ccagcactgt gacagtacct cgctcctctg tgcaccagat 2820
ccggcctcag gacttacacc tectgectga cccccaggct tctctctcct ttctcccagc 2880
aaactgcagt ggcagaaaagg aggttcagag gctgggaaag tgggcctccc cttgcaactc 2940
agagctgctg cactcaggag ggccccatcc aatcccgggc ccctgcaggg aaaagcgctg 3000
ggtgtgtgtc agaggcgag ggtgggtggg gctgccagcc aggaccctgg cctgcagcct 3060
gatccaaacc aaagactgta gaaccctggg gtgtggctaa cgggccctcc agcaccata 3120
gccaggtctt cctggccctt gaggctgggc tggcggacag gcacctacct cttccttaag 3180
ctgaagctcc cacactgtct tccagggtg aggagatgct ctccttttct actgaccatc 3240
ttgatactta tttatacgag aggcagttgc tggacggggt agtactggga agcaggaggc 3300
agaatggctc tgctgagcct cctacccatg acaacacccc aataaacaga acattcagag 3360
ccaaaaaaaa aa 3372

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<210> 7509
<211> 1941
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1942)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1777)...(1282)
<223> similar to gi217682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7509
agcaggacac agtggtcac acctgtaatc acagaccctc aggaggccaa ggcaggagtg 60
agccaccaca ctcagccaac cttaactctt aattattgga aatacccaaa cctcaatgcc 120
ttaccccata tggaaggcaa aatcctgtat tcccaattca cacatgaaaa ttacacgaga 180

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ggtaagtcaa aaatgcttcc tttattacat aaagccaata ctgctacttc taagttcaac 240
tgtttgtgca tctctatatc gttcaaagtg ttacgcccgt gatattaaca atgaccgctt 300
ccaagtgtca gtgaacagtg gctccctgtg agtgtcatca tggtagctct ccccatgtga 360
cacaagtcaa caaactgctc tagaaagtta agttctccca ggcccagagt aaacatatac 420
tcaatattct tccatacttt attataccat aagaagcaaa cttctgaagg agatacaatt 480
aaagatacca cagggtgtcct agcttgtcaa tattctgttt tatcattttc attaacaagg 540
cagattacaa tgtagcccta atttgcatta taattagtgt ttacaagaca ctgcacattc 600
tctgaagac acacaatgat ttccaagatg ccaggtcact cttccaatca gtgaatggcg 660
agctcactgg cagggtgcagg gctacttctt gtattccaat gatgtgcctg aaatagcgct 720
ttgcaagatg agcgtggatt atgtggacac aattttgagg caatctccat tacacatttg 780
gtagaagact gcctaactta atcttactat tagtgtatta gtgttgttat attatgaaga 840
catattatat tccattattc tgcttagctc aaggaagaat aaagaatttg gaccaaattt 900
ataaccagat tatgagcaat ttccaaagca aaagaaacaa agtaaatgct gagggttaata 960
aagatgtaat aattctcttc acatggcctt tactgtttgt gaactgtgta atttaaaatc 1020
ctgagcttaa caaaaatctt tataaatcaa ctcacaaaaa caggcatttg gccataaga 1080
atttaatttc acatcaataa aacttttagac ttttagattta tttagggttg tttgcatatg 1140
tttatagaat agtttactct aaaagatgac aagacagctc cccctcagtg agaccctggc 1200
ctaaatatat ttgcttttatt tatatagcaa gaggataaca tttaacatgg aagctttcaa 1260
tttgtggcac tgaataatct acacagggca tccttcaaag gctacaatta aggatccacc 1320
taacttttca gcaataacaag cccgattgag atcttctggg ccatttgctt gacattcatg 1380
ttttatgcct tgaaatttct ttttaattgc atccttggag cttgcataga tcattttact 1440
tttcagaggt gctagtcttg gtgcccaaaa aaaaaacatc aactcttctt ttctggattc 1500
ttttgtttca aagcttgcat catacaaagc atagcgacaa tctttttcag gaagcattcc 1560
cacaaaatgc ttgaaaggat cagttatggg tacaccaaca tctccaacca agatctcttt 1620
gccttcttct acaatgatgc actttttgtc tgcactgaga caaaaaatga cagccttctt 1680
tcttttcttg atttcttctg gtgtggagca tttacgaact ttcatgtcat aaaaaatgcg 1740
acatacttca tcagctactt gcactcctga ggccatcttc gccgcggcgg tcgcagggac 1800
gcgggggagg gagccggcgg gcagcgagta tgcagaccgt cctcctcacg gctgcgggac 1860
cgagagaccc agcgtgagc tgacgcggcg gcgcgagctt acncgggggg ggaattcccc 1920
gcntgggtag tggtagctga a 1941

```

```

<210> 7510
<211> 1476
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1477)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1217)...(275)
<223> similar to gi2315796 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7510
tttttttttt ttgaaagaga aatgagactt ttattagctc caagagcatt tttcaatact 60
aagggcaaaa agtaaaaaga aggacaagga aaaccaaggc acaaagaagg gacctaggcg 120

```

```

caccccagaa ctcaccacgg acacacagca gagggcttct cttcatatca aggggatggg 180
taaacaagaa aggctgctgt ttcactgaga caggacaaac caccaagtcc aaatgagaag 240
acaagcagag acgtagtgtc agaccaggag ggttagaact tgctagtgtg gagggcaata 300
atccacttgg gcacacggag gaaggagggc aggtaggagg ccagccagcc caggccggac 360
acgtgtgaga gaacagagct caaagacaaa tagtcttgga cggggcgggc gtccacatcc 420
cgaaggccat agcgtcgagc aaggtcacag gatggcagca ccttaccact caggctcagg 480
atattgggat ctggttgcaa agccaccaca catttgccac tcaattctgt ggtttccgca 540
gatgagaagg ctgatttgaa ctgcttcaac acaggatcct gcaggacctc ctcctttgcc 600
atatgctcct tcagcagttc tgtctgcaca atccccggcc acagagacac acagctgacc 660
ccatggcgcc gcagctcgtg ggcacagtca gcagccagct tgtcacacgc agctttgccc 720
acaccatagg ggacattgaa catatactgc aggttctctg gggaggagat gaccacgatg 780
agcccctggc cagctgggtac catcagccgt gccccataca ctgagcaaaa gtagtggcct 840
ctgagtcgga cgttggtgat atcatccac atggaggcag gggtttccca gaatgcctta 900
ttcctgggtg tcaggatcgt ctggaccctt gcataagcat tgttgaccag cacatctaga 960
cgcccttgct gttcccgatc cacttgctca aacaggcttc gcacttcaact ctcctggctt 1020
gaatcgca caacaggcac acattggccc ccgaggatt gtgcctcctg agcaacaacg 1080
cgaaggggtg ccagatggcg gccagtgtg taaactgtgg cgctgcttt gcagagctgc 1140
aaggcaatgc cacggccaat acccctggag gcaccagtca ccacacacac ttggccattc 1200
atgggagctg ccatgactca caggcaaagg aggcaggtct gccacctgcg ctgccgtga 1260
ggtctgcaga ttgcggggct gcggtggaag tctgggttct cgcccagatt gagccggcga 1320
cgtggaggca gtgttcaagg attgattctg tagtaggacc cggggcgatt ctgtgctgag 1380
gtagaggggc agagtccag cccaagttag aacctgcgga tgggggcgga gcgatctggg 1440
tgncaattc cncgcntgg gctatgctac tcagtg 1476

```

```

<210> 7511
<211> 2714
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (181)...(1167)
<223> similar to gi733603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7511
tttcgtggca ccgcggcgct cgggtgtttt tgggggcccg ggtggagggc ccgggtgcg 60
gggccaagg tgcggcctcg ctagcgggag agggagcggg atcaccggcc cggagagagc 120
tctcagggcc agagcgggag agggaggatgc tttcccagcc ccaccatgga gctgcgctgt 180
gggggattgc tgttcagttc tcgctttgat tcagggaatc tagcccacgt ggagaagggtg 240
gaatctttgt ccagtgatgg ggaaggggta ggagggtggg cgtcagccct gaccagtggc 300
attgcctctt cccctgacta tgaattcaac gtgtggaccg gaccagactg tgctgaaacg 360
gaatttgaga atgggaacag gtcatggttc tacttcagcg tccggggagg aatgccagga 420
aaactcatca agatcaacat tatgaacatg aacaagcaga gcaagctgta ttcccagggc 480
atggccccct ttgtgcgcac actgcccacc cggccacgct gggaaacgat tcgagaccgg 540
cccacctttg agatgacaga gacgcagttt gtgttatect ttgttcatcg tttcgtggag 600
ggcctgggg ccaccacctt cttegccttc tgctaccctt tctcctacag tgactgccag 660
gaactgctaa accagctaga ccagcgcttt ccggagaacc accctacca tagcagcccc 720
ctggatacca tctattacca tcgggagctc ctttgctatt ctctggatgg acttcgtgta 780
gatctgctga cgatcacttc ctgccatggg cttcgagaag atcgagagcc ccgtctagag 840

```

cagctattttc	ctgataccag	caccctctga	ccattccgtt	tcgcaggcaa	gaggatatcc	900
ttcttaagca	gtagagtaca	cccaggggag	actccattcta	gctttgtctt	caatggcttt	960
ctggacttca	tcctccgacc	tgatgatccc	cgggcccaaa	ccctccgtcg	cctcttcgtc	1020
tttaagctga	ttcccatgtt	gaaccccgat	ggtgtggtcc	ggggacacta	ccgcacagac	1080
tcacgtggag	tgaactctgaa	ccgtcagtac	ctgaagcctg	atgccgtcct	gcacccggcc	1140
atctatgggg	ccaaagctgt	gctttctctac	caccatgtgc	actctcgtct	gaactcccag	1200
agttcctctg	agcaccagcc	cagttcctgt	ctccctcctg	atgctcctgt	ttctgacctg	1260
gagaaagcca	acaatctcca	aaatgaagct	cagtgtgggc	actcagctga	caggcataac	1320
gctgaagcct	ggaaacaaac	agagccagca	gaacagaagc	tcaacagtgt	gtggattatg	1380
ccacaacagt	ctgcggggct	tgaagagtca	gcccctgata	ccatccccc	caaagagagt	1440
ggcgttgctt	actatgtgga	cctgcatgga	catgcttcca	aaaggggctg	cttcatgtac	1500
ggaaacagct	ttagtgatga	gagcaccag	gtggaaaaca	tgctatatcc	aaagctcatc	1560
tccttgaatt	cagcccactt	cgacttccag	ggctgcaatt	tctcagagaa	gaatatgtat	1620
gcccagagacc	gtagagatgg	ccagtctaaa	gagggaagcg	gccgtgttgc	aatctacaaa	1680
gcctcaggga	taatccacag	ctacacactt	gaatgcaact	acaacactgg	acgctcagta	1740
aacagcatcc	ctgctgcctg	ccatgacaat	gggcgtgcca	gccccctcc	cccgcggct	1800
ttccctccca	gatacactgt	ggaactattt	gagcaggtgg	gacgagctat	ggccattgca	1860
gccctggaca	tggcggaatg	taatccgtgg	ccccgaattg	tactgtcaga	gcacagcagc	1920
cttactaatc	tacgggcctg	gatgctgaaa	catgtacgca	acagccgagg	cctaagcagc	1980
actctgaatg	tgggtgtcaa	caagaagagg	ggccttcgaa	ctccacccaa	aagtcacaat	2040
gggttgcttg	tctcctgctc	cgaaaacacc	ttgagtcggg	cacgaagttt	tagcacccgc	2100
acaagtgcg	gtggtagcag	cagcagccaa	caaaattctc	cacagatgaa	gaattccccc	2160
agctttcctt	ttcatggcag	tcggcctgca	gggctgccag	gcctgggctc	tagtacccaa	2220
aaggtcaccc	accgggtgct	gggccccgtc	agaggtaagc	cagtctggga	gccccctgca	2280
catgtgttcg	gttgtctggg	gcattgctgg	gggaagtaag	agcttgaaga	tatactgttg	2340
gcccaggacc	aaggggtgaa	tcaataaaat	tagttttag	cagaacctgt	ggcctctcct	2400
acgaccttg	tgttccctgc	ggcatgattc	cagagcggtg	ttgtgtgttg	ccagaggggg	2460
aagtctgggt	atctgggctt	cagtgcatgc	taggagccag	ggaagtttcc	aaggatgaaa	2520
cactagctga	agcagtgcca	aacaggacat	ggagcctcca	cgtcacggac	aatgtcagtc	2580
tgtcttcatg	ggggcagtta	agggaaatgc	ctcagaatcc	aaactgcagt	actgtagaat	2640
gatggggaat	cttatctgtg	gtctttatgg	gctgaaattt	ttcctggctt	cagagctcat	2700
taaggaaatg	atag					2714

```
<210> 7512
<211> 2750
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (97)...(1461)
<223> similar to gil217965 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7512					
attgcccttg	taacctgtca	aagaagagct	aagggagctt	tcggggttgg	cttcttggag	60
gctgctttct	cctttacttg	gaaggtctcg	ctagtgatgg	acccatacat	gattccagatg	120
agcagcaaaag	gcaacctccc	ctcaattctg	gacgtgcatg	tcaacgttgg	tgggagaagc	180
tctgtgcccg	gaaaaatgaa	aggcagaaaag	gccaggtggt	ctgtgagggc	ctcagacatg	240
gccaaagaaaa	ctttcaaccc	catccgagcc	attgtggaca	acatgaaggt	gaaaccaa	300

```

ccaaacaaaa ccatgatttc cctgtccatt ggggacccta ctgtgttttg aaacctgcct 360
acagaccctg aagttaccca ggcaatgaaa gatgccctgg actcgggcaa atataatggc 420
tatgccccat ccacgggctt cctatccagt cgggaggaga ttgcttctta ttaccactgt 480
cctgaggcac ccctagaagc taaggacgtc attctgacaa gtggctgcag ccaagctatt 540
gacctttggt tagctgtggt ggccaaccca gggcagaaca tcctggttcc aagacctggt 600
ttctctctct acaagactct ggctgagtct atgggaattg aggtcaaact ctacaatttg 660
ttgccagaga aatcttggga aattgacctg aaacaactgg aatatcta attgatgaaaag 720
acagcttggtc tcattgtcaa taatccatca aaccctctgt ggtcagtgtt cagcaaactgt 780
catcttcaga agattctggc agtggctgca cggcagtgtg tccccatctt agctgatgag 840
atctatggag acatggtggt ttccgattgc aaatatgaac cactggccac cctcagcacc 900
gatgtcccca tcctgtcctg tggagggctg gccaaagcgt ggctggttcc tggctggagg 960
ttgggctgga tcctcattca tgaccgaaga gacatttttg gcaatgagat ccgagatggg 1020
ctggtgaagc tgagtcagcg cattttggga ccctgtacca ttgtccaggg agctctgaaa 1080
agcatectat gtgcaccccc gggagaggtt taccacaaca ctctgagctt cctcaagtcc 1140
aatgctgata tctgttatgg ggcgttggct gccatccctg gactccggcc agtccgccct 1200
tctggggcta tgtacctcat ggttggaaat gagatggaac atttcccaga atttgagaac 1260
gatgtggagt tcacggagcg gttagtgtct gagcagtctg tccactgcct cccagcaacg 1320
tgctttgagt acccgaattt catccgagtg gtcatacag tccccgaggt gatgatgctg 1380
gaggcgtgca gccggatcca ggagttctgt gagcagcact accattgtgc tgaaggcagc 1440
caggaggagt gtgataaata ggcctgcata cattctcctg aggatgtgtc ccatctaggg 1500
aaggctggac taggccttgc ggctcctcag ggactcaggt ggccctactg ggagaggggc 1560
ctcaaatgca ccatgtcaag ggttcaagat tgttctctgt tttccccaag tacaaccaca 1620
cccacactca gatcctcctc attcacatcg cagattctcc ctgtgctctg cctgctagag 1680
tgactcacta attcattaat ctgcctccct ctcgtaagat ttccttcttt ttttcttgaa 1740
agtaccaggt gaacaaagtt taccagaaa cagttgagac aagaaaataa gagctcagga 1800
tgagggaaaa gaaaaagatt gagagaattt gtgcccccaa ccatttcctc agactctaag 1860
aaagaacacg ctctctccag gcaggtctga agctcaactc tcttattgcc tcacttcagg 1920
tatacctcac tttacacaat agaattataa ctggaaagaa gttggggaca catgtatttg 1980
gtgattacat tttaaacaca ttaggaaaag ttgctatttg aactttttat tgatttttg 2040
ggggagtaaa gaattatttt gtgatgcaaa taaatatcct ttaattgatc gacttgccaa 2100
atttagattt gtgtgcatca ggctttcttt ttttctttt tttagagaag ttcaatataa 2160
gcttttcttt tctttgtttc tttctttctt tattttgaga tggagtcttg ctctgtcgcc 2220
catgctggag tgcagtggcg cgatctcggc tcaactgcaac ctccacctcc tgggttcaag 2280
cgattctctt gcctcaacct cccaagcagt tgggactaca ggcgtgagcc accatgccc 2340
gctaattttt gtatttttag tagagacagg gtttcaccat gttagccagg ctggtctcaa 2400
actcctgacc tcaggcaatc tgcccgctg ggtctcctaa agtactggga ttacaggcgt 2460
gagccacctc gcccagcggc atcaggcttt cttaaagtga gagcacgcct gtactagagc 2520
aagcaggaat cagagacctt ccagaaatac tactgtgtaa gggccagaaa tatcttctact 2580
tgtcattggt atataatcat tattactttt gctgtaatgt taatattgat ttattaatat 2640
atattatctt ttcatacatt ttctaagaaa catttatatt gataagatct tttattttgc 2700
aagggcataa attattgttt ttctttttt tttttttaat aaatttcacc 2750

```

<210> 7513
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (131)...(285)
 <223> similar to gi30295 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7513
tcgggacgga ggcctccagg ggagagggag gcgggacgaa gcagcgaaga actgggaggt    60
cccgagcagt ggagggggcg gtcctgtcct ggagggggcg tggcttgccg cgtgagcccc    120
gcccgccaca aactaccacc gctgcctcaa gaccaggacc cgccgcggga agagcacgca    180
gccctgcgag tactatttcc gcgtgtacca ctgcgtgtgc cccatcagct ggggtggagag    240
ctggaacgag cagatcaaga acgggatttt cgccggcaaa atctgactgc cccagcgcg    300
cttcctctga agatgcagtg atcctgcata tttttgtctc gcggagcccc ggggtctcgg    360
tatccacccc tacctcccag tgtctaagcc acgaataatg caggtagatg cctcgcgttg    420
acagctacga gccagcccag ggtccccagt tctcaacact gtcccacca gatggctcca    480
aggccaagga gtgccgcttg acaaagccct agggttccag cctggctctg ctgagggagc    540
cgtgagacca gtcagcctgg ggtgctggtt ttcccaacgg gtactccctg agctatcagc    600
cttcag                                           607

```

```

<210> 7514
<211> 1009
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (234)...(814)
<223> similar to gi3877561 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7514
gtccccggcct gagtcgcggc cccccgcagg tctgagctgt gggctgaggc agcgcagccg    60
ctgccgcagg gtgcgcgatg ccttgaacct gggaaactat gtgaagcaac actctggatt    120
ttgaaagaca tcttttcata atgggacagc aaatttcgga tcagacacag ttggttatta    180
acaagttacc agaaaaagta gcaaaacatg ttacgttggg tcgagagagt ggctccttaa    240
cttatgaaga atttcttggg agagtagctg agcttaatga tgtaacggct aaagtggctt    300
ctggccagga aaaacatctt ctctttgagg tacaacctgg gtctgattcc tctgcttttt    360
ggaaagtggg tgtacgggtg gtctgtacca agattaacaa aagcagtggc attgtggagg    420
catcacggat catgaattta taccagttta ttcaacttta taaagatatc acaagtcaag    480
cagcaggagt attggcacag agctccacct ctgaagaacc tgatgaaaac tcatcctctg    540
taacatcttg tcaggctagt ctttgatggg gaagggtgaa gcagctgacc gatgaggagg    600
agtgttgat ctgtatggat gggcgggctg acctcactct gccttgtgct cacagctttt    660
gtcagaagtg tattgataaa tggagtgatc gacacaggaa ttgccctatt tgtcgcctac    720
agatgactgg agcaaatgaa tcttgggtgg tatcagatgc acccactgaa gatgatatgg    780
ctaactatat tcttaacatg gctgatgagg caggccagcc ccacaggcca tgaccttgaa    840
gtgaaagtct tctgttgcta ttgtgggctc aaatatattg tcatggggga agaattgtagg    900
gttgtggcac tggcacagac acaggaaaat ccattttccc cactctttta tttttgctat    960
tctgatcatt tgtccccctt ttaaaaataa acttcccatg tcttccaaa    1009

```

<210> 7515
 <211> 710
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (570)...(283)
 <223> similar to gi2983472 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7515
 tttttttttt ttgagtgttt gagtttcatt cacacaaaac atggacatca tctttgagggc 60
 tctgtcccag agagacaggg ccattccctca tgtctgttat tgggtttag ataaacaaaa 120
 gtataaatca aacaaactgc aaattactct gtctcttttc ctaatcaata cagcaacagt 180
 cctcagtggg actgcaccac tctggaaaaa atgccttcag gttccttccc atcccccaag 240
 gcagcagcaa atccttcgtg tcgcctccta ctggccaagg cagccaaaga tttgaaagtc 300
 tttggctcgt agatggccag atccgctagg actttcctgt tgagctccac ctggcactta 360
 actaaattcc caatgagcgc tggatacttc agtccatgtt cctggctagc agctgtaatt 420
 cgattaatcc agagggctct catgttcttt ttcttcaggt atcgggcttt ggtgcatttc 480
 acaaaggctc gaatcacggt tctgaccgcc aacctgtagc agcgattttt ccttccccgg 540
 aagtgcctgg cgtgcttcag cacctcctgg atccgaaagt agcggtcggt gacgcgattc 600
 cgcagccaga gctgcgcggt gaggaagacc atggcgcctg caggccggcg tcccgaacac 660
 tcaacaacgc acgcgcagcg ccgctgccat cttgcccgcc cagcgcgcgg 710

<210> 7516
 <211> 3246
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3247)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (216)...(897)
 <223> similar to gi4468311 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7516
 cccacgcgtc cgccggacgt aggaggtgga ggttgtggaa ttcgccgttc gaaagcaggg 60
 actaaaagcc ccacttcgtc ttacgttccg aaaggaaggc gtctgttgag cttttctctc 120
 agtcgtgagg gaggcgtcga cggcgtgcgg aagtcctgag ttgaggcttg cgggatacctt 180
 tccggagaaa gcgcaggcta aagccgcagg tgaagatgtc caactacgtg aacgacatgt 240
 ggccggggctc gccgcaggag aaggattcgc cctcgacctc gcggtcgggc ggggtccagcc 300

ggctgtcgtc	gcggtctagg	agccgctctt	tttcagaag	ctctcggtcc	cattcccgcg	360
tctcgagccg	gttttcgtcc	aggagtcgga	ggagcaagtc	cagggtcccgt	tcccgaaggc	420
gccaccagcg	gaagtacagg	cgctactcgc	ggtcatactc	gcggagccgg	tcgcatccc	480
gcagccgccc	ttaccgagag	aggcgctacg	ggttcaccag	gagatactac	cggtctcctt	540
cgcggtaccg	gtcccgggtcc	cgtagcaggt	cgcgctctcg	gggaaggtcg	tactgcggaa	600
gggcgtacgc	gatcgcgcg	ggacagcgct	actacggctt	tggtcgcaca	gtgtaccocg	660
aggagcacag	cagatggagg	gacagatcca	ggacgaggtc	gcggagcaga	accccccttc	720
gcttaagtga	aaaagatcga	atggagctgt	tagaaatagc	aaaaaccaat	gcagcgaaag	780
ctctaggaac	aaccaacatt	gacttgccag	ctagtctcag	aactgttcct	tcagccaaag	840
aaacaagccg	tggaataggt	gtatcaagta	atggtgcaaa	gcctgaagta	agtattctag	900
gtttgtcggg	acaaaacttt	cagaaagcca	actgtcaaat	ctgattagcc	acttatatct	960
tagactatac	tttttgggaa	gtctagagat	gtatataatg	tgctaaattc	aaagtagcaa	1020
atctgaagat	aggcaatgtc	aaacccatga	aaatgggaga	ttaatgagct	ttatttgccc	1080
gtgcatggtg	cctcatgcct	gtaatgaggt	agatggcttg	agtccaggag	ttcaagacta	1140
gcctgggcaa	tgtggcaaaa	ccgcgtgttt	acaaaaata	caaaaattag	ccaggcatgg	1200
tgggtcatgc	ctgtagctcc	agctgttttg	gaggtgagg	caggaggatc	tttgagccta	1260
ggatgctaag	gttgacagtga	gccaagatgg	caccattgca	ctctagcctg	ggcagcagag	1320
cgagaccctg	tctcaaaaaa	tacattttatt	tttttcattt	tcagttaaca	gtgtactctt	1380
ataacaccgt	tattagctgg	tactttggtg	atttctatta	ctagtttttc	taagctattt	1440
acagagtgtt	tgtagctttc	atttgcagca	ttatgttccc	acaaattctg	tactcagcat	1500
atacagtata	gtttatctgc	tctatttctg	tcttatagaa	atcatgaatg	tgggtctgcag	1560
acattgatga	agaaaatctg	ttggtaattg	atacatgggc	taaagcatca	gagggtttaat	1620
ttgaagttaa	tgttcacaca	ctgaaaactt	agtttttttg	ttggtagatc	catgtgcatg	1680
ctagaatttg	ggacaggcac	tatttgcata	aagtattaaa	gtcaattttt	aaactaagca	1740
aaggtacacg	ttgtaacggt	ggggcatctg	tgaaaaagat	gtcccttttc	taatatatgc	1800
aatatattcc	agatgttttg	agagattaca	gaagaggagg	cctgcttcac	ttgcagctgt	1860
cggaaaaggt	aacagaagat	ggaactcgaa	atcccaatga	aaaacctacc	cagcaaagaa	1920
gcatagcttt	tagctctaata	aattctgtag	caaagccaat	acaaaaaatca	gctaaagctg	1980
ccacagaaga	ggcatcttca	agatcaccaa	aaatagatca	gaaaaaaaagt	ccatatggac	2040
tgtggataac	ctttgggtcca	tctgtgctat	ctctcatatc	tgcaagagaa	acctaaaatg	2100
ttaatatattg	agtgttaagt	attttacatct	ttttgtgttg	gttttttaaat	gcacaagtac	2160
ccctgaatgg	ctcaaaggga	tgggataatg	ctagaaacac	taacttgcaa	taaagtgcag	2220
ttttcatgca	aacttagcca	tcagttttct	tcttttagat	aggtatccac	agtccatatg	2280
gacttttttt	ctgatctatt	tttgggtgatc	ttgaagatgc	ctcttctgtg	gcagcttttag	2340
ctgatttttg	tattggcttt	gctacagaat	tattagagct	aaaagctatg	cttcttttgct	2400
gggtaggttt	ttcattggga	tttcgagttc	catcttctgt	taccttttcc	gacagctaga	2460
cagggttaaga	aaaagtgtaa	ttttaaaaca	catacccttg	gtttctaaat	cctatatata	2520
aaaatagcct	aattgtaaac	aaaatttagc	tgtagacaca	aaaatcaact	tggatctaac	2580
agcctaagta	acagaactat	tgagttttcc	ccttaacaaa	actgatttaa	tattaggctt	2640
aagacactct	tcccataatt	attttacttc	cctgctggca	aattttaaact	aatttttttaa	2700
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gttttaagaa	actaaggcat	ttgccagtta	ggcacctaata	cgtctgaaca	aagaccttgt	2820
ctactaatac	tgagcaaacc	cacatctggg	cccaattaca	cagattcatt	tagatacagc	2880
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aaagtacagt	gcaatttgct	aatgcacatc	ctgcacattt	ctggagaatt	ataataaaact	3000
tatctgcaag	tgaagcaggc	ctcctcttct	gtaatctctc	aaaacatttc	aggctttgca	3060
ccattacttg	atacacctat	tccacggctt	gtttcttttg	ctgaaggaac	agttctgaga	3120
ctagctggca	agtcaatgtt	ggttggttct	agagtttctg	tgcattgggt	tttgctattt	3180
ctaacagctc	cattcagatct	ttttcactta	agcgaaaggg	ggtntctncc	gcgacctcgt	3240
cctgga						3246

<210> 7517

<211> 2343

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (261)...(1713)
<223> similar to gi5823965 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

0456789 "0123456789

```

<400> 7517
ggtggagtga cagccggagc ccggggcgccg ggcgggggct cggtgacagc ggaggcgggc 60
gcccggggcg gacgagggag cggccgcggc gccgacggcg ggcggaagg gcggacgggg 120
cgggcctccc tgggtggcag gggccggagc aggcgggag caggtggcgg gcacagcttg 180
cgggccaggc acccgaactt gcgacaagtt gccggagccg cggggcgcgg gcggcggaca 240
gattgacctt gagcgcagg gagccagcgc cggcagccac catggcgctc cgcatagggt 300
tgcgcatgca gctcatgcgg gagcaggcgc agcaggagga gcagcgggag cgcatagcagc 360
aacaggctgt catgcattac atgcagcagc agcagcagca gcaacagcag cagctcggag 420
ggccgcccac cccggccatc aatacccccg tccacttcca gtcgccacca cctgtgcctg 480
gggaggtgtt gaaggtgcag tccctacctg agaatcccac atcctaccat ctgcagcagt 540
cgcagcatca gaaggtgcgg gactacctgt ccgagacctt tggaacaag tttgctgccc 600
acatcagccc agcccagggc tctccgaaac ccccaccagc cgcctcccca ggggtgcgag 660
ctggacacgt gctgtcctcc tccgctggca acagtgtctc caatagcccc atggccatgc 720
tgcacattgg ctccaacctt gagagggagt tggatgatgt cattgacaac attatgcgtc 780
tggacgatgt ccttggttac atcaatcctg aaatgcagat gcccacacg ctaccctgt 840
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tcaccagcag ctctgcccct gcggacctga cccagaagcg agagctcaca gatgctgaga 960
gcagggccct ggccaaggag cggcagaaga aagacaatca caacttaatt gaaaggagac 1020
gaaggttcaa catcaatgac cgcataaggg agttgggaat gctgatcccc aaggccaatg 1080
acctggacgt gcgtgggaa aagggcacca tcccaagggc ctctgtggat tacatccgga 1140
ggatgcagaa ggacctgcaa aagtccaggg agctggagaa ccaactctgc cgcctggaga 1200
tgaccaacaa gcagctctgg ctccgtatcc aggagctgga gatgcaggct cgagtgcagc 1260
gcctccctac cacctccccg tccggcatga acatggctga gctggcccag caggtggtga 1320
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ctgacctga gccactgcca gctctgcccc cgcaagcccc gctgcccctg cccaccagc 1440
caccatcccc attccatcac ctggacttca gccacagcct gagctttggg ggaggggagg 1500
acgagggtcc cccgggttac cccgaacccc tggcgccggg gcatggctcc ccattcccca 1560
gcctgtccaa gaaggatctg gacctcatgc tccctggacga ctactgcta ccgctggcct 1620
ctgatccact tctgtccacc atgtcccccg aggcctccaa ggccagcagc cgccggagca 1680
gcttcagcat ggaggagggc gatgtgctgt gacctgggt gccctgtgc cagggaacag 1740
gggcccgcct gggggctggg agggccaggg gcacctccct cccacccttc aggtgcact 1800
gtgtgtgaag tagccacctg ccctgcctcc ctccctcccg ttggcccctg tttggactta 1860
gtgcctgtct ggcagcctgt ggggtcagga gaagacccc cagggcagcc cttttgactg 1920
gcgcatggg aagaggcctt cagccccctt cccggagatg gaatcgcggg gcaggaggg 1980
gcagggtgtt ctaaagggtga gaagagggcc tgggtggagt tccctgtctt ctgagcccga 2040
gcccctcatt accagtgaga ggacatgctt gaggggttcg ggaagctcct catctgaggc 2100
aactggctct ggggggtgctc aggcctgcct ttttgggact cagatggcag gaggtccacc 2160
ccgcagcctg gtctcggct ctcccacagg tgggcacccc ccactttggt gctaatagct 2220
ctccaccagg tgggtgtgagc gcgggggctg ccagaagcgg gaggggtcac tgccggaaga 2280
gcagctgccc tccgaccctt cactttgtgc cttagtaaa cactgtgctt tgtaaaaaaa 2340
aaa

```

```

<210> 7518
<211> 1322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (280)...(681)
<223> similar to gil710243 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7518
ctgagggaga gactgaggtg catcagatgg cagtggtaac caaaccagtt cccttgccgt      60
gggtggggac acaggagaag cacggaagca tctggaactg agcaatcagg acaggaggct      120
caagcctggg tgagtcagga gtccgggggc tttcttttca tccaacccat tgtctgctgg      180
tgtctcggca aaagccagcc agccagccgt ggcccttcac cgttcttcag actctagggg      240
gagcccagcc cagcgacaca acagaaacca agtgccacgg gggccgggtg cctccaccag      300
catttctcct ctggtcacat ctacgtcctg atgggacttc tccctcctcc ttggaccatc      360
agctttacag tccagaccac cctgcagcca cccggtgggc tcccagctgc cccagtctcg      420
ggcaggatgg cttttgagcc tgttgggaga gaccttgcca ggagaatggt gcccagggca      480
ggcaagagga cacagactct gggagctaga agagttgcgg cccagggggc caggccactc      540
ccagaggaca ggaggcccaa aagcggggaa aggtccatg ttacggtggc cccatgctgg      600
gagtttgtgc tgccttctgt ctccctgact gcccaagcgt ggggtgggtg ggggcaggag      660
gcatcctctg gtgttcccta gcagcccagg ctgtgtgcag gggctcccat tttgtgtctc      720
agctgcaaga aggccacaaa gggaggaggg gctcatggga ctgctgagaa gaagggtgtg      780
agaaaggag tggtggcccta gatcagtcct ttaaaaagcc tctgttacct gaaaggaggt      840
caagcagaga ggaatggctg cgtgtgtgtc ctaccgggca ggacaggaca gagggagggtc      900
attgttacac acacatcccc cctcctttcc tccctccctc ccacttccct gtgaaggcct      960
gaggcaggct gtggccaggc tcaggccctg actgtggggg acataccagg gagggccacg     1020
cctcccaca gacgggggtg agtggtcagt ggagccagca ccctctgctg cgttcagcat     1080
ctccgcctgg agccagctgt cccctctctc tcaggctcca tccgaacaaa aggaaggcag     1140
agcctgagat ccggcacccc atccccctcc actcagcact gagttagagc tgggtggggg     1200
catgtctgcc ttcacacgct gccttatggc ttctgtgtct ccaacagccc tcagcctctg     1260
gctgctctcc ttcccaatag tcacaagatt taccatgata ataataggtt aagacttgaa     1320
aa

```

```

<210> 7519
<211> 1682
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (40)...(1299)
<223> similar to gi6010114 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7519
tccctggctc gcctcgcgcc tgccggcgga tccgtggtca tgccaacca gcagccggct 60
gcgccgagta ctctgtgcccc caaacccctcc cggagtctct ctggctcact ttgtgccctg 120
ttttctgatg cagactcggg atccgggatg aaggcggagc tccccctgg gcctggggca 180
gtggggaggg aaatgaccaa agaagaaaag ctgcagcttc ggaaggaaaa gaaacagcag 240
aagaagaaac ggaaggaaga aaagggggca gaaccagaga ctggctctgc tgtatctgca 300
gcccaatgtc aaggcccaac cagagaactg ccagaatcgg gcattcagtt gggcactcct 360
cgggagaaaag ttccagctgg tcggagtaag gccgaacttc gggctgagcg tcgagccaag 420
caggaggccg agcgggccct gaaacaggca agaaaagggg aacaaggagg accacctcct 480
aaggccagcc ccagcacagc tggagaaacc ccctcaggag tgaagcgtct ccctgagtac 540
cctcaggttg atgacctact tctgagaagg cttgttaaaa aaccagagcg tcaacagggtt 600
cctacacgaa aggattatgg atccaaagtc agtctcttct ctacacctacc ccagtacagc 660
agacaaaact ctctgaccca gtttatgagc atcccatcct ctgtgatcca ccagccatg 720
gtgcgactcg gcctgcagta ctcccagggc ctggtcagag gctccaatgc ccggtgtatt 780
gccctgcttc gtgccttgca gcaggtgatt caggattaca caacaccgcc taatgaagaa 840
ctctccaggg atctagttaa taaactaaaa ccctacatga gcttcctgac tcagtgccgt 900
cccctgtcag cgagcatgca caacgccatc aagttcctta acaaggaaat caccagtgtg 960
ggcagttcca agcgggaaga ggaggccaag tcagaacttc gagcagccat tgatcggtat 1020
gtgcaagaga agattgtgct agcagctcag gcaatttcac gctttgctta ccagaagatc 1080
agtaatggag atgtgatcct ggtatatgga tgctcatctc tggtatcacg aattcttcag 1140
gaggcttgga cagagggccg gcggtttcgg gtggtagtgg tggacagccg gccatggctg 1200
gaaggaaggc acacactacg ttctctagtc catgctggtg tcccagcctc ctacctgctg 1260
attcctgcag cctcctatgt gctcccagag gtaagtacag agggaaaagg ctccaaagtt 1320
ggcgttgaaa aggtgtagta gtatagacat aatctcacct tcccaaagtt acagttttgt 1380
ttttgttttg agataaggat ggagtgcagc gacgtgatca cagctcgctg cagtcttgac 1440
ctcctgggct cgggtgatct tcccacctcc gcctctgagt ggctgggact gctggtgtgt 1500
gccaccatgc ccagctagtt ttttattttt cttgtagaga tgggatatcg ctacattgcc 1560
caggctggaa ctctgggct caagcagttc cccctgtctc ggccctccaa agtgctggga 1620
tcataggcat gagccactgt gccagccac aattatttta acatattaga attatatagc 1680
cc

```

```

<210> 7520
<211> 1136
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (399)...(644)
<223> similar to gi4981903 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7520
ggcggcgccc atgtaaccgg gtccgtgccg caaagcgaac gggggccgcg gcgcgggccc 60
cgcggggggt agaggtcacc atgctgaggg tcgctgaggg gacgctgagt ttgattcgga 120
cccgggcagt taccagggtc ctagtaccgg ggctgccggg cggtgggagc gccaaagttc 180
ctttcaacca gtggggcctg cagcctcgaa gtctcctcct ccaggccgcg cgcggatatg 240
tcgtccggaa accagcccag tctaggctgg atgatgacct acctccttct acgctgctca 300
aagactacca gaatgtccct ggaattgaga aggttgatga tgtcgtgaaa agactcttgt 360

```

```

ctttggaat ggccaacaag aaggagatgc taaaaatcaa gcaagaacag tttatgaaga 420
agattgttgc aaaccacagag gacaccagat ccctggaggc tcgaattatt gccttgtctg 480
tcaagatccg cagttatgaa gaacacttgg agaaacatcg aaaggacaaa gccacaaaac 540
gctatctgct aatgagcatt gaccagagga aaaagatgct caaaaacctc cgtaacacca 600
actatgatgt ctttgagaag atatgctggg ggctgggaat tgagtacacc ttccccctc 660
tgtattaccg aagagcccac cgccgattcg tgaccaagaa ggctctgtgc attcggggtt 720
tccaggagac tcaaaagctg aagaagcgaa gaagagcctt aaaggctgca gcagcagccc 780
aaaaacaagc aaagcggagg aaccacagaca gccctgccaa agccatacca aagacactca 840
aagacagcca ataaattctg ttcaatcatt tctttctgtc ttgaagaatg ataggagaga 900
tgatggggct ctttttgcc tgaagaggag aaggaattta ttctttcatt cagctctgag 960
atcccagagt tttctgaggc agagtccctg cctcaccac cagaggatac acactcatga 1020
catgcctccc acacactcat acaacaagt acctgtcatc caggtgatgt gtgtcagtgg 1080
aggcaagaca gagcatgtga cagcacagtg gaagtgtggc cggctgggta ggaaga 1136

```

```

<210> 7521
<211> 1028
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (902)...(285)
<223> similar to gi2650133 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7521
tttttttttt ttaaagtga ttaattttatt gattcatcca ttccataaat gtgagctcct 60
ttgaatgtta tccttgtctg ggggatctgt gccccaggc ctggcgggct gtcacaggcc 120
aaggcctccc cacaggagcc ctgtgggttac agagctgcag gctcaaggag cccatgggtc 180
agagaggcaa ggctgggctg ctggtttgct tcaggctgta gggggtgagt ggggtggaggc 240
aatgggagcg gccccttgcc ccagcttgcc tcagctcttg gagtaacgcc tctgcagcga 300
ttcccggtag aaacggaaga cgtgttgcca agcggcctgg gccgcagcca ggcaactgctg 360
gagctcagtg tctgagtaga gccccttggg gctggacatc agcagcttcc gttccacgct 420
gtccagggca aaggtcagga ctgcccgggc ctcttttct tgcttgatg taggatccag 480
cacgagggtc ccatcagagt ccagggcgca ggcgacccca cagaagagag cccgcatggg 540
cacacctgca tccaccaatg ccatgcaggc ggcattcaga caacaggcca ggagagagcc 600
ggcatcgctg acaacctgca gcaccacggg gatggagggt cgggggtgca acgtgcccag 660
caccaccgcc tcgcacgtgt tcctgatcag ccgctcccgg ctcttctctg caacaccagg 720
cagcccaatc ttcggcctca ggatcacttc gagtgtggcc ttgttgaaaa tctctttgct 780
gaccttcacc tcggccggcc cgtacacacc cgccaggaca gaggtgtcac cttgcaggaa 840
ggaagcagag ccatctggcc gcgacagcag gttctgttcg caggcaaagt gccggaggct 900
gcagccagga ccccgagggc tggaccctgt tccattttca gcacggattt tggcgtcagt 960
atgcattctc tcctccatcg cgccgagccc acgtgcgggt gcagttgtca cttccgcgga 1020
cgcgtggg 1028

```

<210> 7522

<211> 2618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2619)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2562)...(352)
 <223> similar to gil050517 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7522

tttttttttt	ttaaaggtat	caaaggcctt	tattgattta	attttccttt	caacttatca	60
atgctatcac	aaatttctaag	gaaacaggac	ttgggcaaaa	ttttttatta	tgaagataca	120
gatctaagaa	cagaaggata	attatgtgct	agcttatata	tagttccttg	taaaaataat	180
gatacatgaa	aaattagtag	aaaatgaaaa	tctgcagtta	tctgatatct	gaaaatgtta	240
agcaatttcc	cctgcatctt	agttctaata	acttttgcag	aataatcaag	catatttggg	300
tgaagagagt	atttaaatgat	tccattttta	ttaaatagtgt	agtgtgccct	tcagagcttg	360
gcgtagtctt	taagaatcat	ctgaagtttc	tggctcagca	tgatgttccc	tctggccttc	420
agcctgccac	taaagaatgc	cttctgaggg	tcaagcttgc	ccaggaccac	ctccatgaaa	480
tcttcatctg	aaagtatgat	tggtgtatca	gcagcacctt	ttgcagggcc	ttggtacact	540
tttccagaac	cacttttccag	gtcaatagtc	cacttagccc	caatatttcc	gcctttgggt	600
atatgccact	caaatacacg	atttactttc	ttcaccacct	caggcccaat	atcctttagg	660
cggcgtccta	tttccctcaa	tacaaaggta	ctctgaagct	tcccgccttc	agagggtgtc	720
ttagctgaag	taccagatgt	tggtgcaaga	tccacatatg	catttgaaat	gacaatgtct	780
ccagtttctt	ggaccttggg	ttgaaaatga	attctgtttc	cttccttcca	catctcagtt	840
tgtagagttt	gtcctggata	tactggtttt	gcaaaacgag	ccttaattgc	cttgaatctt	900
gacacatcat	tatctgcaaa	ctgctgtaac	acacgcctgg	cagaaaaatcc	aatgtacat	960
aatccatgta	atatgggctt	gtcaaaacct	gctagactag	caaagttagg	atcaatgtgt	1020
aagggattcc	agtctccact	gaggcggtac	aaagcagcct	gattaagaga	ggtggtatct	1080
gtaagtacag	catcaggagg	tctattaggt	atggctacag	ctaccttgac	tttgtctgat	1140
gtccgttttc	caccaaagcc	tccagagcca	acaagaaaga	gagagaactg	attgtggcat	1200
ataagttcct	tctcagaata	agaatagaca	tccataataa	tcactacacc	ggatccttta	1260
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tataactcta	agtactgctc	tccatgaaga	acctttgcaa	agttgattga	aagtccagga	1380
atctctgcta	atcctccacc	catcatagat	ttctgacctt	tgataactcc	gaaggtgggc	1440
aaacaggaga	aatcagaact	tccttcataa	ataaattttc	aatcttttgg	atccttgatt	1500
gacgctccca	ctccaagggc	atacataata	gcttcaggtt	ccgtataagc	ataagaaaat	1560
ggagggagtt	tctggccaat	agctccagca	aatcctgatg	ttgctgtaga	cgttgcacga	1620
ctagtatgat	ttgctgaaac	tcctccttct	gaatctatct	tactcagaac	ttcaattata	1680
ctgccagttg	attcttggat	actctgaggc	ttgctggcat	tctcaaagtc	acagatcttc	1740
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ttcagggctt	ccacaagatc	ttcaggcata	actgtctgag	tcatccgtga	tcccgcatta	1980
ggagcaatgg	tggtacaatg	aatgttgctt	ttcctgcctt	caattgcaag	agaatttgca	2040
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cctgaagctg	atgaagtcac	aataatcctt	ccatacttct	gtttcttcat	gtgttcccat	2160
gctgcccggtg	tcacttgga	tgaaccccg	aaatgaaactc	tgtggattat	atcccagttc	2220
tcatcactta	tcctagcaaa	ggaacgatcc	ctcagaattc	cagcattggt	gaccacaaca	2280

00488733.012100

tctattcttc	caaaagc	atc	cagggctg	ttcacaac	tctctccttc	ttccactgaa	2340
tcatagttgg	ccactgcttt	tccacctctc	cttcttattt	cttcaacaac	cttatcagca		2400
gctaaggagc	ctttaccaac	tcctttgaag	tccctccca	aatcattcac	aacaactaac		2460
gctcctcttt	ctgcaaaagc	cagggcatag	gctcggccca	atcctgcccc	cgcgccggtg		2520
accagtacca	cccgcccgtc	gaacctcagc	ggtgagccca	tgaataaggc	ctgcaacgac		2580
acacacacga	acaagcagag	ccgctggacg	cgacntgg				2618

<210> 7523

<211> 1887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1759)...(1324)

<223> similar to gi3264583 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7523

gcgtcgacga	gaccgagtct	tgctctgttg	cccaggctgc	tggagtgcga	tggcgcgatc	60
tcggtcact	gcaacctcca	cctcctgggc	tcaagtgatt	ctcccgcttc	agcctcccga	120
gtagctgga	ttacaggcat	gcgccaccac	gcccggctaa	tttttgatt	tttagtagag	180
acggggtttc	tccatgttgg	tcaggctggt	ctcgaaactcc	ggacctcagg	tgatccacct	240
gcctcagcct	cccaaagtgc	taggattaca	ggcgtgagcc	accgtgccgg	gcacgtttcc	300
tttaaagagc	tttttttttg	tttatttttt	gagacggagt	ctcactctgt	caccagggt	360
ggagtgcaat	ggtgcaatct	cagctcactg	caacctccac	ctcctgggct	caagcgattg	420
tcctgtctca	gcctcctgag	tagctgggat	tataggcaca	caccatcatg	cccagctgat	480
ttttgtattt	tttagtagag	atgggggttt	caccatgttg	gccaggctgg	tctcaaactc	540
ctgacctcag	gtgatccgcc	tgccttgggc	tcccaaattg	ctgggattac	aggcatgagc	600
caccacaccc	agccagatgc	tgtagcttcc	aaactaactt	tcctaagtta	actttatatg	660
tatatgtaca	catataaatt	ttctaagctt	tcaaaatggt	tggaataaaa	acaattattt	720
tgcaaatcct	caactgggca	gatgggttgg	gtctgaaata	gaaataaata	aaagcaaagc	780
aaacaaaata	ttccaaagtg	atagagaatg	tccacaagct	acttaacaac	atgaattcaa	840
ggtagagtga	aaaaccagtg	gtcttccctca	tcattctcag	gtcaataatt	tagaaaaaat	900
cccttcagtg	ctactaagct	tcaggctttg	taatgaggac	tgaaaattcc	aggggaaagg	960
aagagaaaaga	gaaaggaaaag	aatgagtgct	atgcaaagat	caacatatca	ttttattaat	1020
tctgattcct	tttatcatgt	gcttttttat	acaaagcact	ttcaaataca	ttacattatc	1080
ttaaatttat	aataggagtt	tctttcggat	tcagttttaa	aatgacaaat	agcattcggt	1140
gtgcccaagt	tagaattaca	ccaaaattac	catgtgctgg	cacataccat	catcccactg	1200
gtggctggaa	aactgggttg	caggagtgtc	tgtcactgag	atgggccacc	acccagtggt	1260
ccatatggta	gagatgaggg	aaggatggac	tagaagcaag	ctgggtcttc	tgggtcgtct	1320
ctactccttt	ttcacttcat	caccgttttc	ccactgagc	ttgaacacag	gaatctgctg	1380
accatccttg	agctctaaaa	agacctcgtc	aagggtgccac	ctctgaaagg	ggccacctct	1440
ggatgagtgg	acgtagagaa	ggccctctga	tttgatcca	gagacaggaa	tcttcaactt	1500
ggcatcaaca	atgtccacga	agttttccct	gtcgatgagc	ttgagataat	ggatgttgag	1560
aggagggccc	agagcttcct	gtgcctcggg	atggctctgc	agctgctcca	ctgccaactt	1620
gtaatataaa	gccctggaat	gaaacttttg	aatgaggtaa	tacacaatgg	caaagcccc	1680
ggcatagaac	acaccgtgga	aaaggatcct	tgctcccaga	ggcattgacc	gcctgcttcc	1740
tgcatacttt	tgccacatca	tagcacaact	ctcttgaaaa	tcatacaagg	caagttgtcc	1800
tgtgagcaac	agaagcacca	cgctacaaag	agcatgacga	gttcttccag	gcttgggaaa	1860

09483725.012100

<210> 7524

<211> 2811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (324)...(2232)

<223> similar to gi4902608 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7524

ggtgtgactg	aagaaatata	aaatgtttcc	ctagtaagac	agcaactcag	gactctagga	60
tggaagaagg	tgtctgaccg	taaattacac	ctgcagtgc	accagcagac	taatggggat	120
gaggttctgg	tacaagatga	tgaacaccag	tatgtcagac	aatgacttgg	gagctggaat	180
caaggacatg	accaagagca	gcaagaacaa	aaggagact	gacacattga	tcactttctc	240
aacctttgat	ctcttgagag	gatggttcac	atgtgagtaa	agacagggga	gtttgttttc	300
agaatgacat	actagtctgc	aggatgaatt	tcataactga	cattgcacct	tggactgcaa	360
ctaggacttt	cactggaatc	agagaaagag	ttttgaagaa	aactgggcat	aggctcagca	420
aaaccaaaca	gaagaggaac	agaaaaagaa	acaaaaagca	gaacagtcag	aatagaatca	480
tggaaggaaa	ctcattagaa	ttcttaagt	atcttacacc	gggagatcag	gacccatctc	540
agagtgaaga	ggaagacatt	gaaaagacca	gaagagaatc	agaatatccc	ttcattgatg	600
gtctacaaaa	tgaagtcgga	gattttgtga	ctggatataa	agaaaaaaga	tggaaaaata	660
aagatcctaa	agacagtttc	caaaacgtta	tgtctatagt	tgaattagac	aacacaccaa	720
agaattacct	ctctaaggaa	ggtgataact	tgtttgtaag	tttgttactg	aggccaaatg	780
aaatctccgt	tacttgtcca	atactgactc	aaaacctttc	ctgtgtaaca	actgatgact	840
gctctggcat	gaaggtagaa	aagcatatta	gaaataggca	taccatagca	ttagacaccc	900
aggacctttc	tgcggaact	tcatgcttat	ttatgaagaa	gagagaaata	gtagataaaa	960
atctctcaca	tgaacccatt	ctgtgccatc	aacatggaat	cagaatgtca	gataaagttt	1020
taagagagga	acaagtgtat	acaactaaaa	tcaatcactg	ggcttttttc	acaaccaatt	1080
tatctgatga	agatttacag	ctgggctctg	acagacagcc	ctattttggg	agctggcctg	1140
caggacctca	taagtttata	tgtgaacaga	gaccaaagaa	agatagagca	tgtaagttgg	1200
ctggtcctga	cagcaggggg	caatggattc	aatgatctt	cacttcgggtg	gcagcatcag	1260
aaccaggaaa	caatccagaa	atattgacag	acaaactact	gataggaaat	gaagattttt	1320
cacctccacc	tgaactatg	gattcattca	tagaaacaaa	cctcttcaga	agctgcttac	1380
ctcaaccgga	tataccaaag	aatgccttag	aatcaacaaa	aaataagaaa	aggaggaaga	1440
aaaggatttt	caatttggtg	ccaaattttg	acttattagg	acagagtcgt	atcgggtgta	1500
aagaaaggga	gaaatgtgac	ctgttaacaa	aaaaccatgg	actaaaaatt	actttgggag	1560
aagaaaaaga	tagaatttca	gaaaggaaca	gtgaagagga	gaataaaca	aaacttatga	1620
cctttgatca	tcattccattg	tggttttacc	ttgatattat	caaagctacc	cctttaaata	1680
ttgatggaca	gcgttattct	cattgcctgt	catttaacag	actaagggtgc	tctgcatctt	1740
tatacaaaaa	ttatattcct	tcttttgtgc	tacataattt	atctagtatt	tggaagccat	1800
cttttacaaa	caagaaactg	tttttgactt	tcgaatctca	gacaagagta	ggtaataaac	1860
taaatgatgc	agggtttatt	tctccagaaa	ttttacatag	tcattcctgat	acttcgtgct	1920
ctttgggagt	cacttctgat	tttcactttt	taaatgaaag	gtttgataga	aagctgaaaa	1980
gatgggaaga	acctaaggaa	ttaccagctg	aggacagcca	agacttaaca	agcactgact	2040
accgttccct	tgagctacca	ttatcacaag	ggtttgcttt	tcaattagta	aagctttttg	2100
gatctccagg	cgttccaatg	gaatccttgt	tgcctgatga	ctatgtgggt	ccccttgact	2160

SECRET

```
<220>
<221> misc_feature
<222> (1)...(827)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (556)...(426)
<223> similar to gi3150527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 7526
<211> 2393
```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (280)...(2301)
 <223> similar to gi4138922 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7526

tttcgtgcta	acctcgcagc	agagaggagt	tgagggcgat	gagagcgggt	actgcgaact	60
gccgggcgat	gctgtcgtcg	ccgccgtgat	acggagagca	acagttcccc	agcaacaccc	120
ctccccgaca	caggcacaca	ccccccgaca	ggcacgcaca	cccacccccac	agtgtcccggc	180
tcggctgcgc	ctcctctatt	ggcccaggaa	gcccaccacg	ccccgccacg	cagagcccag	240
aaggaaagaa	agcctcatgc	ctgagccgag	gggagcacca	tggatctgac	aaaaatgggc	300
atgatccagc	tgcagaaccc	taaccacccc	acggggctac	tgtgcaaggc	caaccagatg	360
cggctggccg	ggactttgtg	cgatgtggtc	atcatgggtg	acagccagga	gttccacgcc	420
caccggacgg	tgctggcctg	caccagcaag	atgtttgaga	tcctcttcca	ccgcaatagt	480
caacactata	ctttggactt	cctctcgcca	aagaccttcc	agcagattct	ggagtatgca	540
tatacagcca	cgctgcaagc	caaggcggag	gacctggatg	acctgctgta	tgccggccgag	600
atcctggaga	tcgagtacct	ggaggaacag	tgctgaaga	tgctggagac	catccaggcc	660
tcagacgaca	atgacacgga	ggccaccatg	gccgatggcg	gggccgagga	aaaaaaggac	720
cgcaaggctc	ggtacctcaa	gaacatcttc	atctcgaagc	attccagcga	ggagagtggg	780
tatgccagtg	tggctggaca	gagcctccct	gggcccatgg	tggaccagag	cccttcagtc	840
tccacttcat	ttggtctttc	agccatgagt	cccaccaagg	ctgcagtgga	cagtttgatg	900
accataggac	agtctctcct	gcagggaact	cttcagccac	ctgcagggcc	cgaggagcca	960
actctggctg	ggggtgggcg	gcaccctggg	gtggctgagg	tgaagacgga	gatgatgcag	1020
gtggatgagg	tgccagacca	ggacagccct	ggggcagccg	agtccagcat	ctcaggaggg	1080
atgggggaca	aggttgagga	aagaggcaaa	gaggggcctg	ggacccccgac	tcgaagcagc	1140
gtcatcacca	gtgctagggg	gctacactat	gggcgagagg	agagtgccga	gcagggtgcca	1200
ccccagctg	aggctggcca	ggccccact	ggccgacctg	agcaccacag	acccccgcct	1260
gagaagcatc	tgggcatcta	ctccgtgttg	cccaaccaca	aggctgacgc	tgtattgagc	1320
atgccgtctt	ccgtgacctc	tggcctccac	gtgcagcctg	ccctggctgt	ctccatggac	1380
ttcagcacct	atggggggct	gctgccccag	ggcttcatcc	agagggagct	gttcagcaag	1440
ctgggggagc	tggctgtggg	catgaagtca	gagagccgga	ccatcggaga	gcagtgcagc	1500
gtgtgtgggg	tcgagcttcc	tgataacgag	gctgtggagc	agcacaggaa	gctgcacagt	1560
gggatgaaga	cgtacgggtg	cgagctctgc	gggaagcggg	tcctggatag	tttgccgctg	1620
agaatgcact	tactggctca	ttcagcgggt	gccaaagcct	ttgtctgtga	tcagtgcggg	1680
gcacagtttt	cgaaggagga	tgccctggag	acacacaggc	agacccatac	tggcactgac	1740
atggccgtct	tctgtctgct	gtgtgggaag	cgcttccagg	cgagagcgc	actgcagcag	1800
cacatggagg	tccacgcggg	cgtgcgcagc	tacatctgca	gtgagtgcaa	ccgcaccttc	1860
cccagccaca	cggtctcaa	acgccacctg	cgctcacata	caggcgacca	cccctacgag	1920
tgtgagttct	gtggcagctg	cttccgggat	gagagcacac	tcaagagcca	caaacgcatac	1980
cacacgggtg	agaaacccta	cgagtgcaat	ggctgtggca	agaagttcag	cctcaagcat	2040
cagctggaga	cgcactatag	ggtgcacaca	ggtgagaagc	cctttgagtg	taagctctgc	2100
caccagcgct	cccgggacta	ctcggccatg	atcaagcacc	tgagaacgca	caacggcgcc	2160
tcgccctacc	agtgcaccat	ctgcacagag	tactgcccc	gcctctcctc	catgcagaag	2220
cacatgaagg	gccacaagcc	cgaggagatc	ccgcccgact	ggaggataga	gaagacgtac	2280
ctctacctgt	gctatgtgtg	aagggaggcc	cgcggcgggtg	gagccgagcg	gggagccagg	2340
aaagaagagt	tggagtgaga	tgataggaag	gactatgaca	aataaaaaaa	aaa	2393

<210> 7527
 <211> 1689
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (253)...(697)
 <223> similar to gi4883435 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7527
 ctgggggtttg ggggaccgag ccgctccggg ttcgggatgc tgaggagacc gcgggcccgc 60
 gccagcctcc cacacacaca cactctcccg gcgcctcggc cggccgggcg cgggtgtgcag 120
 ggggtgaggcg gtgtctccag gctgaggagg gacgcggagg aggggtccggc gcgggcccgc 180
 gactggaggg tgagtccttc acaaaggcg gagcggggct gtcacctgga gatcacggag 240
 ggaagttcat ccatgagctc ggatttccca cattacaact tcaggatgcc taatattgga 300
 ttccagaatc tgctctcaaa catatatatt gtgggttttg gtactgctat atttgtcttc 360
 atccttagtt tactcttctg ttgctacttg attaggctaa gacatcaagc acacaaagaa 420
 ttttatgcct acaaacaggt tatattaata gagaaagtaa aagaattgaa tttacatgag 480
 ctctgtgcag tgtgcctaga agacttcaag cctcgagatg agttggggat ttgcccattgt 540
 aagcacgcct tccacagaaa gtgccttatt aagtggctgg aggttcgtaa agtgtgtccc 600
 ctgtgcaaca tgccagttct acagctggcc cagttgcaca gtaagcagga ccgtggaccc 660
 cctcaggggc cccttccctgg ggcagagaac attgtatagc ttaccgcaag gatcagactg 720
 ttgttggaac cgacgtctgt gtggagccag gaggaacaca tgtggtgtct gtatggctgc 780
 tctctacctt ggacaccagc tgccacttct tttgcctcat gaagaactct tggggccagcc 840
 aaactgggaa cctaggtgtc tgggtcttgt gacaacaaaa gcacttttga cactaccccc 900
 tgcccagagag aagaggagtg ggatgagcct gcgggttttg cctcaaggaa acttcatgag 960
 ggtctcttac taactccatt acactctctc tcctggagcc tcatctccat gtcaagcagg 1020
 agggtaaaaga agggaaactaa gagcaggtct ttcaagccac acccccacct gcggatggat 1080
 gggtttctct gtaggccatg caggcctttg tcgcagcaaa ccttcccagc agcccttgag 1140
 ccaagtaaaa ccagcacaaac cagccaccag tggttggtga ggcagtggcc acaaggctca 1200
 tgttgatgac ctttgataag gccatcttgg ctttgagtag cagtgttcct cgtcacccat 1260
 ttccccctca ggattacaac acctgctatc aaatcatcta agctgaaaac atgagatgag 1320
 cttggaaagg cctagtcaga agccatttcc tcttatcatt tccctctcct atgcaccagt 1380
 aaggcccgtc cagagcccca gcaggagtg ggccttgagt ccacactgtc cctgagtgat 1440
 ccaggaggct gccacatcc ccacatgtgc actgtggttc cagtgtagct gctgtgagcc 1500
 cactgccact gctcagaag ggagccactg tgaacctctc gactggctcc aaagagcagt 1560
 ggctttttga gaatggcca tacttctggc ccggctggat gaagggaatg ccgacccttt 1620
 ggctctctcc cctccttcca tctcttctct ctcttgccct atctctcttt ctacttcaga 1680
 aaaaaaaaaa

<210> 7528
 <211> 2483
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (2414)...(267)
 <223> similar to gi5739208 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7528
tttggacaat gaaatccttt taattgaaaa gtatatataa aatggcttta gacataaaa 60
ataagtatgt tacattatgt cttctgttat atttttacgc tttgtgccag aatttacttc 120
ttgcaactat tcttgcttta tctggaacag tttactccgt tattgaatat ctattagtgt 180
ttaatataga agagcttaat aaaccgctaa tccgaaaata atggatttcc cttgcttttc 240
agaccttttt gctgaatatg cttattttatg tccaatgtgg aaatctgatc ctgttctctt 300
ccactctgcc agcagttcct tttgtactgc ttctggtagt tcatagaaaa cttgaggatc 360
aatgtcagaa gggaaagtaa ttttctcatc aacagaatct ggctctctat tttctgtaag 420
tccttcatga gactctgttg ctactgtttg cttatggcta tctgtagtgt ggtttctgga 480
gaaaagtggc tcactctgca agtttggaag tgaatgaaaa gcagacacag cagggtttga 540
atttgtaaaag tggaatcctt gaggttcttt aggtccttga cttattcgtt catcttttaa 600
tctattatct aaataatatg aataatcctt ttggctagac atgtaagaag aactactgct 660
attaaagcct gatgttcccg gttcacaagg agatacagag gatacctgtt tgctactgga 720
taaagtatct ctaggattta tggaatatc ttgcatttgt tttttagaaa agaaagataa 780
tactcctcta gaggcattga atggacaact cacacttctt ttcccttgaa atttttccct 840
agattttcca gaaaggattt cttcttgaat atctactgga agctgcttga agacttcttg 900
gtcaacacct tcaggaagtg aacagagtgg gaattcatta atgtcttttt ctttagaaaa 960
atttggtgga tctagtggag actccctagt tcttgactt tcaattcttc cacttggtag 1020
gaaatcccgg tttgtttctt tgtctttggg aaaatcttcc atatgagtgt ctttcatttt 1080
aaaactgtgc ttgccagagc gtgaagtagt tgataatgat ggcattaaat aataatcaat 1140
aagccctttc ttagcagtat ttagtgcttt aaggttgtag aagcacacac ttagaagggt 1200
aaggtgaaat ggcattctca cattcaccat atttcgaaaa agtttcataa gtatatcaac 1260
cattggggtc atcacatcat aatttcctgt ccctaatttc tgaattacat gtgaaggaa 1320
agggcactga cgactctcac gacctatgtg cttctcagag gaataccgac ggattattaa 1380
tctcactgta tgaggcttcc ttcatcttgg gcataatctg tttaaaagac tagcaagtag 1440
ttcttcaatc ttatttttag cttcaacttc agatgaacat tttttaaatg aatcttcttc 1500
actaaaggac tgagggtggtc ctgagagtat cacaggggag ttatcctctc caaaactgag 1560
cttttgata cgctgagcaa ctgaaattcc taattctttt tctaaaattt tgggtgaaaa 1620
ggtttgaga tcacgcacac tattgatacc cagtgttcca agacatttgg cagttttata 1680
gccaatacca ggtatttcct ttatgtgatt caaactatga ataagatgtt gacaactttc 1740
aggtataaag actgtttgtt gatttggttt aaagacacca gaaactaatt ttgccaacag 1800
tttattagaa gccactccag cacagccagt gagccccaac tgattataca tggcttcccg 1860
catctctgct gcaatctgag atccaacaag tagtctgatg tgcaagacgt caagcaggtt 1920
tatagactga ttattgtata catgacccga cacagtcacc gcagaaaagt catcactttg 1980
cagctgctgt agtctcttct caaccatttc tgttagatcc acaaaatttt catcaaatcc 2040
aagtctctca acaactggac taaattcttc cagtaattct gtaaccttat aagacatttc 2100
tctgtagcgg gtcaggctct ctccattaac taataccaac tgtggacact tttcttttgc 2160
atctctgaca ttcataagtt tcttaactcc aagtttccta gcttcatagt tgcaggtaac 2220
caccataat tttctgtgaa cccctaaagg tttgtctttt agctctggat ttgagatcat 2280
ttctacttgt gcataaaagc aatccagatc cacatgtact atgactctgg atgaagcatt 2340
tggtgtgggc aacacttgat catgaactcc ctgcgagctg gctgccgccc ccacgtccgc 2400
cagttccatg gccaggcct cggcgtcttc ctcgtcgtcg ccgcgcctt cctcctccgg 2460
ctccaccccc agcttctacg aaa 2483

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<210> 7529
 <211> 3568

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (198)...(2017)
<223> similar to gi4768831 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7529
tttctgtctga ggtggcagca gggggcgagg cgcgcagcgc tatggcagag ggcagcgagg 60
aagtgggtcac agtgtctgcg accggggcct ccaacggcct caacaatggg gcaggcgagg 120
cctcggcgac gaccagcaac ccgctgtcgc gcaagctgca taagatcctg gagacgcggc 180
tggaacaacga caaggagatg ttagaagctc tcaaggcact ttcaaccttt tttgttgaaa 240
atagtctgcg gactcgaaga aattttacgtg gagatattga acgtaaaagt ttagccatca 300
atgaagaatt tgtaagcatt ttcaaggaag tgaaggagga acttgaaagc ataagcgaag 360
atgtttcaagc aatgagcaac tgttgtcaag atatgacaag tcgcctacag gcagcaaagg 420
aacagactca agattttaata gttaaaacca ctaagcttca atctgaaagc caaaaattag 480
agataagagc tcaagttgca gatgccttct tatccaagtt ccaactgact tctgatgaaa 540
tgagtcttct tcgaggtaca agagaaggac ccattactga ggattttttc aaggcactgg 600
gaagagtaaa acagattcat aatgatgtca aagttctctt gcgtacaaat caacaaacgg 660
caggttttaga aattatggaa cagatggcct tacttcaaga aacggcctat gaaagacttt 720
accgatgggc tcaaagtgaa tgcagaacat tgacacaaga atcatgtgac gtatctccag 780
tattgacaca ggcaatggaa gccctgcagg acagacctgt cttatataaa tataccttag 840
atgaatttgg aacagccaga agaagtacag ttgttcgtgg atttattgat gcgctcacia 900
gagggggccc cggaggtaca cctagaccac ttgaaatgca ttctcatgac cctttgaggt 960
atgtaggaga tatgtttggc tggctccatc aagctactgc ttctgaaaag gaacaccttg 1020
aagctctctt aaagcatgta actacacaag gtgttgaaaga aaatattcaa gaagtgtgtg 1080
ggcatatcac tgaaggtgtg tgcaggcctc taaaggttcg aattgagcaa gtaatagttg 1140
ctgaaacctg ggcagtttta ttatataaaa tttctaactc cctcaaattt tatcaccata 1200
caatcagtgg tattgttggg aatagtgcac ctgcattatt gactaccatt gaagaaatgc 1260
atttgctaag caaaaaaata ttcttcaata gcttgagtct tcatgcaagt aaattaatgg 1320
acaaggttga actccacca cctgatcttg gaccaagttc tgcactaaat cagacactca 1380
tggtgtctgc tgaagtttta gcatctcagc attcttcagt tgtaccatta gatgctcgtc 1440
aagctgattt tgtgcaggta ttatcatgtg tcttgatcc tctctacag atgtgtactg 1500
tatcagccag caatttaggc acagctgaca tggccacttt catggtcaat tcactatata 1560
tgatgaagac aacattagct ctatttgaat tcaactgacag acgtctggaa atgctacagt 1620
ttcagatcga agcacatttg gacacactta taaatgagca agcctcttat gttttaacta 1680
gggtaggcct gagttacatc tataacactg tacagcaaca taaacctgaa cagggtctct 1740
tagctaatat gcccaacctc gattctgtga cactgaaggc tgcaatggtt cagtttgatc 1800
gttatctgtc agcccagac aacctattga taccacagct gaactttctt ctaagtgcc 1860
cagtgaaaga gcagatcgta aaacaatcta cagaattagt ctgcagagcc tatggtgaag 1920
tgtatgcagc cgtgatgaat ccaatcaatg aatacaaaga tccagagaac attcttcacc 1980
gatcgccgca gcaagtgcag acgcttcttt cctgattatc ttatttcatt gtgttagcaa 2040
aatatgacct ccctaaaaca ctgaaggtta ttttttattc tttgaatttt tactctataa 2100
tttgatagtt acagttttct ttgtatcata agattgtaag tcccataat tttttttttt 2160
ttggtctcag taacagggaa gtaagtaaca tgttgacctg agctagtatt gctgggtatc 2220
tactctaaag gagatgatct atttttttgc tagccatctt tccagctctg cagttttcac 2280
tgttttcagg aagcataaag tagtatgaaa ggtttgaaaa atttttttta caaaactagt 2340
tctaaattaa cagcttataa aaaattggcc taaatttaat aattagtata aggatagac 2400
ctaataaatg tctccttacc taaagattca tttgtcttct tttaatatga gtaggcatc 2460
ttagtagctt ttctgaacct agcctatgtc tctgtcccca aaatagctgc ccttaaagag 2520
ttgttagcag agagaaaaat aacagtgaat gtgctcctgg tgtatatggc agtgaatctc 2580
ctttctgttc tacttttagc tactatatat atttgactgt gtacattctt atgcaatttt 2640

00483725.013400

```

aagtatacac tcagcaataa ttagaaaaaa aggagagaga aaagtgattt aaacagggtg 2700
gattccactc tgtgggagcc ttcgatggaa ctcaagggtg agctcagcct ttccaatgag 2760
ctctaagcat gtagatagcc tgagctgtgt ctaagcctgg tgtttaaaga tgggtatttg 2820
tcatacaata tgggtcctaa atccaaccaa ctacacattt tatctggtgt tcaaaccaaa 2880
gaaacaatga tctactcaaa cattggagaa aaaaactgcc agaggaggag ttgccaattg 2940
gcagtgtgtc ttatctccat gttgtaactg gactctgact ttagaccatt acctattagg 3000
aagattaaaa atgactgtat ttttaaagga ataaatccca gtgtgcctga tttgacattc 3060
ttgtcagcaa aaaaaaactt aatttctagt aaatctataa aaatggggta agtccctaaa 3120
ttacaaatga gaaaattgaa ggcacaaggg aaaaaataa cctagtttg aaatattttg 3180
gaaaagtaat aacataaaac tagtatttgt agaagattat gtgttgtata taacaaatta 3240
gtatttatag aatatgacct atttatctga agttttataat tgtttatacc taatacagtt 3300
ctttttggag taagaatgat tatataatcc gttatcccat ttgggtataa atcctgtatt 3360
tttagttttt tccctttgat tagtatgtgt tacatataaa gacagaaaat aaagtataaa 3420
tcaagagctt aaattgtata taattttatt ctacagagaa agaagattga taccttgcta 3480
tgagtgaatt cctttgtttt atagggaaaa tttattgtgc tttttacctg gttttttcaa 3540
ataaaatatt aaaatattaa aaaaaaaa 3568

```

```

<210> 7530
<211> 1941
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(1322)
<223> similar to gi4096339 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7530
gcggcacacc tctccttttg gcctagcagg gccagagaaa gacggaatca ctctaccac 60
tcagcccgga gaaatagggg agtggggggc caagaacgag aagacgagaa cgcgtcgccc 120
tgcgctatgt cagaatgggg cgggtgtgag gggaacagct ctcttgcatg cagctcagga 180
gtatgagcct cccggaggac ggcattgagtt ctggacactt caggagtcct cagctagtga 240
catggtcgat atggataaac tcataaaciaa cttggaggtc caacttaatt cagaagggtg 300
ctcaatgcag gtattcaagc aggtcactgc ttctgttcgg aacagagatc cccctgagat 360
agaatacaga agtaatatga cttctccaac actcctggat gccaaaccca tggagaaccc 420
agcactgttt aatgacatca agattgagcc cccagaagaa cttttggcta gggatttcag 480
cctgccccaa gtggaaccag ttgacctctc ctttcacaag cccaaggctc ctctccagcc 540
tgctagcatg ctacaagctc caatacgtcc cccaagcca cagtcttctc cccagaccct 600
tgtggtgtcc acgtcaacat ctgacatgag cacttcagca aacattccta ctgttctgac 660
cccaggctct gtcttgacct cctctcagag cactggtagc cagcagatct tacatgtcat 720
tcacactatc ccctcagtca gtctgcaaaa taagatgggt ggcctgaaga ccatcccagt 780
ggtagtgtag tctctgccc tgggtgtata tactttgcct gcagatgggg gccctgcagc 840
cattacagtc ccactcattg gaggagatgg taaaaatgct ggatcagtga aagttgaccc 900
cacctccatg tctccactgg aaattccaag tgacagttag gagagtacaa ttgagagtgg 960
atcctcagcc ttgcagagtc tgcagggact acagcaagaa ccagcagcaa tggcccaaat 1020
gcagggagaa gagtcgcttg acttgaagag aagacggatt caccaatgtg actttgcagg 1080
atgcagcaaa gtgtacacca aaagctctca cctgaaagct caccgcagaa tccatacagg 1140
agagaagcct tataaatgca cctgggatgg ctgctcctgg aaatttgctc gctcagatga 1200
gctcactcgc catttccgca agcacacagg catcaagcct tttcggtgca cagactgcaa 1260

```

09458725 "012100

```
ccgcagcttt tctcgcttctg accacctgtc cctgcacgc cgtcgccatg acaccatgtg 1320
agccgcacag gtcacactag agaagctgcg ctggatatctt tcctggtcgt gtgctgaggt 1380
tgggacaatt ttttcctctt ttgacttcag cttgcataatg gggttgaagc agcccactgg 1440
agccaagtgt agggagattg gaaggaaaag agagctgggt cttcccgtgg ggctttttca 1500
tatttcttac cttcacttct ccaactgtcca gaccctgtttt tttcaacctc cacatgggtt 1560
gaattccagt gtggcacccc atggctgccc ttcccctacc cccccctgcc tctgaaatag 1620
gacatttttc cctacagtaa caaacagga atcaaaactca aggctgtgaa caaacatacg 1680
ctgcttttatt ctttccaatt tttctcttgt tttctaagaa ctcttatcca tatgttttta 1740
aaataagtac ctaaaagtgg tttgatagtg toctaaacga cttttttaac ttcctaaatg 1800
gaaagagcat aacaatgtag ttgattggta agatttacag ggatttggtt tctgagtttg 1860
aggcacattc ccagtgaata agctgagtc cataccacac tcaaaagggt ttaataaatc 1920
taatcctatt tcttcttaaa a 1941
```

```
<210> 7531
<211> 2909
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1594)...(689)
<223> similar to gi5823554 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 7531
tttttttttag tgctaaaata taacatttaa tgtcacattg ttgggcgact cccattttact 60
ttttccatat atacagtga gacttacaat agctcacaat gcagttaaga attgcathtt 120
aataatctca aactaccatc taatggagga aagaataagt ttgtcagaaa accagtacag 180
ccattttgct attaaaattt tcctttttta taattttatt aaataaggta tttgaagcag 240
tttagaaaaa acaagatttg tattttattt ccttgtaaaa atctttacac atgcagacaa 300
accagtgtta agaaagtatt caccatcatt taaacaaata accacttaaa tagaacagtg 360
tctgcaattt tatctgtata aaaataagat acattttttac agaattcacg ctccagttct 420
tatagcaata aacaatacac aactataata aagtacaatt gaacctgacc atggttttta 480
attagatact gctagggcat tttaatgtgc aaaaaaatta acatagttct tttcaaaaga 540
aactgtcctc agtgttctag agacctagag ggtttcaaga aatcaaatcc taatcagttt 600
gcgtttaatg tttttgattg agtccataga tcacactgta gataggcaaa accaagaact 660
gatgcaggct caaaggaaga gaaagtcagc gcctgtgcct gccatgtcct gagcgactgc 720
caccatgggt cttgctttta tgggacctct caaaggagcg agatcgttca cgcctgtccc 780
tatgatgtcc cctttcatgc ctgtgtttct tggtgcac tcagtgatcc cgagacttgc 840
tctgagatcg agaacgagat tttttccttt tatgacctag tctgtttgaa ctttttaaat 900
catctctggt atgcttggtc ttaaggtgag gagaacctag attatgatgt cttcgagggc 960
tttcaactgt actgcgggac ctgcttcttg atctcgagct gtatgttcca gatcgactcc 1020
gcctattatt atagtgtctt cttggagtat gtgatctaga acgtgatcgt gttcttgacc 1080
tcgatcgact tgcacttctg ctatttctac ttctcttgct gtcttttctt acaccattgt 1140
aagggctttt ggaagcctgt tgtctatcct caggttcttt tttgactgtc ttcacattaa 1200
tggagattgg tgatttctct tcagctttta cttctcttgg tgatgatggc ttggaggctg 1260
gagaaaaatc acccaggggt gaaagggtg gagttccatc cggattcaat ccctttgctt 1320
ttaatttggc ttcttgtaag gctacttttc ttttttctac ttcttttcc agtaattcat 1380
agtttggtt ttttctggta taaagcctaa gtgtttctat gcagatttcc tggatttctt 1440
cttctgtagt accaaaaaga agaaaccaat ggggacgagt tggcaacgga atctgaagtg 1500
```

```

ctctagctgc aaggtagatg caagcacatg ctatagtctc tggttgaaat cgaacaaaca 1560
cattgggttcg aagactgtca ttcatgtaat tcctgaaaaa tatttcaact ataagcttgc 1620
atgtaaacaa accagttctt ctgaagctta cataaaattg gagactcaat ctactttatt 1680
cttttttctt ctcttattta tattcacatc ctcatattct agcatataac aactcttaac 1740
tcaaaaaaat cagtaagcaa taagaattta atactaggac catatgcatg tttcctatat 1800
atgagcgaag ccctttttaa ttatttcata ttacaatcca aactagaaat tactcctaaa 1860
aagttaatat atttctgtaa aaagcaatgc ttttcaaagt caattctgac acgattagtt 1920
tcagaaatga taaaccactc caataatact tcaagccatt aattactgac catctctcct 1980
ttatccacaa taaaagcagt gtcaaccaag ttcttttcaa aagctcaaaa taccgttaac 2040
aggggtaaaa aggcatthtt agtaagtacc aagttaaact tatattaaga aagctaagat 2100
acttagaaaa tctagatagg gaaataaaga gcaataaaca catataatgg ccttgtttac 2160
ataccttttt tgtgactagg taaaagagat aaactatttc agttaaaaaa ttgctgaact 2220
tttattaatg aaccctcccc acaacatttc taaactatca aagaaatttt acagatcatt 2280
taaaaggtta agctgaaatt aaatggacta tttcttaaaa atcctaaacc atgagaactg 2340
ctataatcca ttttatgcaa cacatactta aaatgtcatg cattttataa aaataatgag 2400
acttttctaa cattacaaat atttactgag tccaaaagaa gcatggcagt cataaaaagg 2460
acatcttgct gggaagccca gaatataaaa attacttcac taagtccttc acatcaatag 2520
tcttaggaaa cagtagttgt ggctgaacca caaactcctt ggcttgacct ttaaataagc 2580
cagcactcca aatcacacat ctgcatctca agaagtccaa gtgctaaagc atttaagcaa 2640
tattatagta acatctcttt taaaaatgaa gtgcttcttg cttctaatat tattaccgcg 2700
aatacagcca agcagttata taaattaagc cagtgtggga actggtgccc attttaagct 2760
gcaagtttgt cgtctccttt ggtagtattc atgctataca cactaaaaat aaaaatttag 2820
tcaaactcct aataaaccat ttaattcata atggctgcac aacaaatcta tcaaaaatga 2880
actattcatt ttgatagtta caagtatac 2909

```

```

<210> 7532
<211> 1359
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1360)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (492)...(333)
<223> similar to gi5679460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7532
tgaattgcat atgaaaatta tagttttattg tctatacaac tgaaggttta actcggactc 60
ctgcttctgt cggagctgta taaagaagca attcttctct tagaacaaat aagcacagta 120
cactattgta atctaagaaa caggcactat ttatgtattg gaaagccttg ctctcaatag 180
ggctaacagt ccaatggccc ataagccact attttagcag ctgtagaaaa gaaagctgtg 240
gaagtcacaa ggaatgagat gctaaaagca acagagacag atgatcccaa caccagcggg 300
aggtttcaag tcccagctgc tgcccctggt agtttagcaa gcaagactcg taggttgagg 360
ccacgtactt aatgttgata aaggcatttt ctctccgta gcgctcgaag gcctccagtg 420
tctcctggat caagtcccca atgttctccc tcttctgctg gctgtagtca atgccgtctc 480

```

```

cggaggttcac attcatattc ttaaagatgt tcaggacagg gaggatttga cggtaataag 540
gcaccaaggc cttgcccacc atctcagctg acacaaccag atgctggagg accttgagag 600
tgacacagat gacctgtcgg ttctcgagggt tcaaggcatt ttttatcggg ataagagct 660
gtggaaggac aggtaggatc ttgttccac cgtgttccag catgtcgtgg attccttgcc 720
gagcaaaaaa ctcataaggga aatgtcattt cacaaggccc atcaaaaaac agaggcagat 780
aatgatggta atccagcttc tcaatttcta ccttccaggc gattttgttt cctttcgaat 840
catgctcaag ggcaattggg aagtcacctc gctcatagaa ttttcgaaat gctgtgggct 900
tggttggctt ttctttaaat gcccctgcag ctggaggggc tctcacgact gagtttttca 960
tcatggcttt gactgtgaaa ccctcagaaa ccagagagtg aggctggtgc accgggagcg 1020
gctgttgtgc cagcagcttg gtccctcttcg gcactcttgc tgggcatttg ttttaagctca 1080
gggtctcttt ttctgccacc atcttcctag aaaatgtctt gttctcataa aaagtgtagt 1140
aaaagaatca gtgggcttta cggatgtgag caggaggtct tcgcctctca cctcactggc 1200
cggtttgtgt gcggttcagg acccatcgag acccactctc tgtggggctc tttcaggaaa 1260
ccgcagcaaa gcattaaact ctaatggaag gcacctggtg aggggtggctg gctccagaat 1320
tccgccgcac aanctagtgt ctcagttnc cctccgccg 1359

```

```

<210> 7533
<211> 1084
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (81)...(463)
<223> similar to gi5771451 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7533
tgcagcaggg gcagcgcgtg cggacccggg gccggcgcg c atgcgccagc ggcagccct 60
tgagggggtg cgtggacctc agctaccccc gcacccaagc ggccctgctg aaagtggcg 120
aaatggtcac cctgctgatt gccttcatct gtgtgaggag ctccctgtgg accaactaca 180
gogcctacag ctactttgaa gtggtcacca ttgtcgactt gataatgatc ctgcctttt 240
acctggtcca cctcttccgc ttctaccgag tgetcacctg tatcagctgg cccctgtcgg 300
aacttctgca ctatttaatc ggtaccctgc tctctctcat cgcctccatt gtggcagctt 360
ccaagagtta caaccagagc ggactggtag ccgagcgat ctttggtttc atggccacct 420
tcctctgcat ggcaagcata tggctgtcct ataagatctc gtgtgtaacc cagtccacag 480
atgcagccgt ctgatgaggc cacaacccct aggcacctca ggagctttgc agagaggagg 540
acgtgtactc caggcgaggc ctctggacct gtgttctctg gccaaagtcc tgtcaggctg 600
gtgggcacca ggaaaggcct gcacctctt cctgctctcc caggaagcca gctccctgag 660
ctctgagcc agccggaaac tcttctcca gccttccggg gagaacatcc ctccattct 720
gggaaaggaa agcagcctcc agggaaatgt ttctgcctt cctgcttcta gaaccacctc 780
aggtactgat gaacccact tagcacagct gaaggggttt gtgaatactc ccgcctaaat 840
cccttctact tcactcctca ggggagtga gtgccttaag aaacaaagcc ctgtcctaata 900
ttatctagct tgtcagtcgg gtcttagaga taccctctt cctgaagtga ggcgtgcctg 960
tagaaacact atgtggtcag cctgtcccca aggagatctt gtgtctctc tccatctctg 1020
cctttgttac cagtgtgcat gtgtttgtgt gttttttaat aaaatattga ctcgccagct 1080
taaa 1084

```

<210> 7534
 <211> 3478
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2240)...(1195)
 <223> similar to gi5912111 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7534						60
tttttttttt	ttattgaata	tatacaat	atttaataaa	ttaatgtcat	tcaaaataca	120
gtgccagaac	atgggtgcagt	tgaacatgct	agtaatgttt	gtcatgaagc	acctgtgctc	180
atgttagatt	ggcggcgccc	cactactgct	agtggttccc	gggaataaat	gccagagcag	240
cgctagtgt	tctgctcttc	tgcacagcta	gtgcagagaa	ttcctgaaca	gttcccctta	300
ttaatcctaa	ccccacacg	cacacaacag	gttaaaaaaa	acacaccctg	gacaggctta	360
acagatctat	acacaatcac	tctacagtaa	tgcttggttat	taaattaaga	tgtaatgacc	420
tggttaaccc	actctaaatc	ttgaagatgg	agaactacat	cagcagcaga	tagttatatg	480
catgaggcca	atgttaacat	aatacagaaa	gtggaggcct	tttctgatta	aagctccacg	540
cagacccgca	caatgagtgg	ctggcaattc	ttactgcaag	cccagcaact	taagtccaca	600
cctggtaaat	gaccagctga	ctggaagacc	tgtattctag	atagacaagt	ataagttagt	660
gaaaagagaa	tacatgcacc	taatagtata	gttagactga	tcctgcagtc	atagctttcc	720
ctgtgtaata	ccataaaaatt	atggaagatc	ttcctcaact	agagtatagg	atttagacat	780
ttctatacca	acacggacat	tagtgttaag	tgcaagttaa	ttaattacac	tgaaaactgt	840
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acaatttgtg	atacatcaca	ctaggaacag	gaaactactt	ttataaatga	actttttgaa	960
ctgtacatac	acagggctaa	caatgttaga	taatccagat	tcttatactc	tcattgattac	1020
acataaagtt	tctcaattat	tgaataatct	atttcataatt	atggaagcat	atctttctgt	1080
aagactcact	gatatatatt	atactgatgc	aaatatataag	tagggcataa	aaataaaaatt	1140
tatcaaagat	agaattttat	gtactcatat	ttagttcttt	catagcctct	tttgtttagc	1200
aaagaaaatg	acaaagcaca	taactcaggc	gtgcactccc	tgaacttccc	cactatacag	1260
gtggtagtgc	aaccattttct	ccatccagtt	caaactcttc	tgtcccatcc	gttgaaaaaa	1320
gataagttgg	tggtttccat	ggagactctt	caaggcagga	tggtatagagt	ttccccacag	1380
tgcatcgaaa	atctctcccc	aagtcccaca	gtacacgttc	agatatatgc	tgccgcagag	1440
accaccggtc	aagttccagg	tcatattggt	aggtgacgta	tttagctcgc	tcatttaagt	1500
gggtttctcg	cataaacaca	catagagaat	ttgagatcac	aacagctcta	acacaggggt	1560
cagagtacct	cttagcaggg	atgttggtcg	ccattttcca	ctcattttta	ttcacatcat	1620
aaattttccac	agtacttgaa	gacccatcta	cagtgccaga	ggggagtctt	atgccggaat	1680
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aacagtacat	gaggttcagt	gtcatcacat	aaatgcagtc	atgaaccaca	actgctgcac	1860
tccattgcc	agcacaaggt	aaagggttta	ccatcgtcca	ctcatctttc	tcagtgtcgt	1920
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gaaaccagggt	attttgctgt	gcatcaaacc	aataaaagca	attcacagtt	ctgaaggcag	2100
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tgagaatatc	tatcagtagg	tcatgtgaca	gctgcatgaa	cgcgtcctga	tgatacacag	2580
cagtgaactt	gtgctccacc	attcttttag	ccctctgttt	taattcctcc	caactgaaga	2640
gatcagcaaa	actcaacaat	cgtacacaat	tctctgcatt	tattttttta	attaaatatt	2700
ctcgacaacg	ttgtaacaca	tcttctacct	gtaggaagca	agctgtttca	taaagctggt	2760
ctacagtgtc	gtcattcatt	gccaaagtac	ccgtgtatgc	ataagttatt	attatctgta	2820
aggtggcagc	atcgacattc	ctcaggtgta	catgggtttg	tttgctttca	cttagtccac	2880
tcataaacat	ggccctgaaa	taagagctac	atgttgcaag	aaccatctta	tgacaaggga	2940
attcagtgcc	ctcaacaatt	aacactatgt	cagtaaacia	ctgctgttca	taaaacagtt	3000
tcaactgttc	caacaatgac	acagcatatt	cagtattgat	ctgcctctcg	tcttgagtgg	3060
acatgactgt	attccattaa	tatctccagg	aacagattag	aaaagtccgt	cttactgatg	3120
gaaggtcaag	tgaatacttc	agaaataaag	gagaacctac	ttgctgttat	ctgcagcatt	3180
cagtaccaag	actgacacat	tactaatga	gtaatatctt	gttacacaga	cttagaatca	3240
ctcctaggtc	atcctgtgtt	aattagggtt	ttcagagttt	ttcaacacag	tctgcagaca	3300
ttgtgtctca	atctgcaatt	gtgcagctca	tgagtgaag	agaaaaatac	acgaggtaga	3360
ttttgtggca	acatcctatg	ttcagcggat	cctgtggagt	aaccgcgtcc	ctcggtccgg	3420
aggtgtggga	tccgctccag	ccggtggccc	cgtccacact	gggccctcc	ggacgaaa	3478

<210> 7535

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (238)...(609)

<223> similar to gill22441 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7535

gtgactgaga	gcaacaagtt	tgacctggtg	agcttcatcc	ccttgttgcg	agagaggatt	60
tactccaaca	accagtatgc	ccggcagttc	atcatctcct	ggatcctggt	tctggagtcg	120
gtgccagaca	ttaacctgct	ggattacctg	ccggagatcc	tgatggact	cttcagatc	180
ctgggtgaca	atggcaaa	gattcgcaaa	atgtgtgagg	ttgttcttgg	agaattctta	240
aaagaaatta	agaagaacct	ctccagtgtg	aagtttgctg	agatggccaa	catcctggtg	300
atccactgcc	agacaacaga	tgacctcatc	cagctgacag	ccatgtgctg	gatgcgggag	360
ttcatccagc	tggcgggccc	cgtcatgctg	ccttactcct	ccgggatcct	gactgctgtc	420
ttgccctgct	tggcctacga	tgaccgcaag	aaaagcatca	aagaagtggc	caacgtgtgc	480
aaccagagcc	tgatgaagct	ggtcaccccc	gaggacgacg	agctggatga	gctgagacct	540
gggcagaggc	aggcagagcc	cacctctgac	gatgccctgc	caaagcagga	gggcacagcc	600
agtggtgagt	ggactccgtc	cctacacctc	acctcctgtc	gggggcccag	ggagccagat	660
gtcataggag	ttgccttggg	gcctcactta	agcaaccagg	actactttat	gtatgtcact	720
cacacaattg	tagcagcaac	ccagcgcagt	ggcagcagtg	gttctcccc	attctgcaga	780
caggacacag	ggaagctgag	tacatgggcc	acacactcgc	agctagtga	gactggaacc	840
ggattggaac	ccaggcaggc	tgtctccagc	agccattgat	ttttaaccct	tcctgcctca	900
aagacat						908

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<210> 7536
<211> 1631
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1632)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (95)...(880)
<223> similar to gi3413293 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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09433725.012100

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<400> 7536
gcgcgcgtga gtccgcccc ccagtcacgt gaccgctgac tcggggcggt ctccactatc      60
gcttacctac ctccctctgc aggaacccgg cgatatggct gccgctgtgc cccgcgccgc      120
atttctctcc ccgctgcttc ccttctctct gggcttccctg ctctctctcg ctccgcatgg      180
cggcagcggc ctgcacacca agggcgccct tcccctggat acgggtcactt tctacaaggt      240
cattcccaaa agcaagttcg tcttggtgaa gttcgacacc cagtaccctt acggtgagaa      300
gcaggatgag ttcaagcgtc ttgctgaaaa ctcggcttcc agcgatgatc tcttggtggc      360
agaggtgggg atctcagatt atggtgacaa gctgaacatg gagctgagtg agaaatacaa      420
gctggacaaa gagagctacc cagtcttcta cctcttccgg gatggggact ttgagaacct      480
agtcccatat actggggcag ttaaggttgg agccatccag cgctggctga aggggcaagg      540
ggtctacctt ggtatgcctg gttgcctgcc tgtatacgac gccctggccg gggagttcat      600
cagggcctct ggtgtggagg cccgccaggc cctcttgaag caggggcaag ataacctctc      660
aagtgtgaag gagactcaga agaagtgggc cgagcaatac ctgaagatca tggggaagat      720
cttagacca ggggaggact tcccagcatc agagatgaca cggatcgcca ggctgagtga      780
gaaatacaag atgagtgcag ggaagaagga ggagctccag aagagcttaa acatcctgac      840
tgccttccag aagaaggggg ccgagaaaaga ggagctgtaa aaaggctgtc tgtgattttc      900
cagggtttgg tgggggtagg gaggggagag ttaacctgct ggctgtgagt cccttgtgga      960
atataagggg gtagtgaggaa aagtggtact aaccacgat tctgagccct gagtatgcct     1020
ggacattgat gctaacaatga ccatgcttgg gatgtctcta gctggtctgg ggatagctgg     1080
agcacttact caggtggctg gtgaaatgac acctcagaag gaatgagtgc tatagagagg     1140
agagaggagt gtactgcca ggtctttgac agatgtaatt ctcatcatt taaagtttca     1200
gtgttttggg taagtggacc tgaagccatt cttttttttt ttcaaattat actttcgtct     1260
atgacctgct ttcctctttg aatctaagct ggtatagact ccactttccc agggtaacaa     1320
actatcctca taacactgtg gaaactggca tacctttggt attttccagt gatattcaga     1380
ctgacatgga ttgactgtca atggtaaaagt ttgtctattt tccagtcctt aaaactcaat     1440
agcagtattg atgaatatat tgaaccaaca ttgatggacc atggtgtaat tattttccat     1500
gctttgtgag ggtacacata gcaaattctt aggttttact gatatatctt gtgacttgga     1560
tttacacagc taganttcn cgcncctgtc ctaatggtcc tttattnnng cnctncaaaa     1620
tgttttcaaa t                                     1631

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<210> 7537
<211> 1618

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (105)...(1546)
 <223> similar to gi31825 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7537

gagcgccggc	gcgggaccga	gctggcgggc	ggcgggcgcg	gcttccgagg	cttcctgctg	60
cttctgccc	agcccgcg	ctcacgcgc	ccctctccc	tgccatggcc	tgaggcagg	120
agccgcagcc	gcaggggccc	ccgcccgtg	ctggcgccgt	ggcctcctat	gactacctg	180
tgatcggggg	cggctcggg	gggctggcca	gcgcgcgcag	ggcgccgag	ctgggtgcca	240
gggcccggc	ggtggagag	cacaagctg	gtggcacttg	cgtgaatgtt	ggatgtgtac	300
ccaaaaagg	aatgtggaac	acagctgtcc	actctgaatt	catgcatgat	catgctgatt	360
atggctttcc	aagttgtgag	ggtaaattca	attggcgtgt	tattaaggaa	aagcgggatg	420
cctatgtgag	ccgcctgaat	gccatctatc	aaaacaatct	caccaagtcc	catatagaaa	480
tcatccgtgg	ccatgcagcc	ttcacgagtg	atcccaagcc	cacaatagag	gtcagtggga	540
aaaagtacac	cgccccacac	atcctgatcg	ccacaggtgg	tatgccctcc	accctcatg	600
agagccagat	ccccggtgcc	agcttaggaa	taaccagcga	tggatttttt	cagctggaag	660
aattgcccgg	ccgcagcgtc	attgttggtg	caggttacat	tgctgtggag	atggcaggga	720
tcctgtcagc	cctgggttct	aagacatcac	tgatgatacg	gcatgataag	gtacttagaa	780
gttttgattc	aatgatcagc	accaactgca	cggaggagct	ggagaacgct	ggcgtggagg	840
tgctgaagtt	ctcccaggtc	aaggaggtta	aaaagacttt	gtcgggcttg	gaagtcagca	900
tggttactgc	agttcccggg	aggctaccag	tcatgaccat	gattccagat	gttgactgcc	960
tgctctgggc	cattggggcg	gtcccgaata	ccaaggacct	gagtttaaac	aaactgggga	1020
ttcaaaccga	tgacaagggt	catatcatcg	tagacgaatt	ccagaatacc	aacgtcaaag	1080
gcatctatgc	agttggggat	gtatgtggaa	aagctcttct	tactccagtt	gcaatagctg	1140
ctggccgaaa	acttgcccat	cgactttttg	aataaagga	agattccaaa	ttagattata	1200
acaacatccc	aactgtggtc	ttcagccacc	cccctattgg	gacagtggga	ctcacggaag	1260
atgaagccat	tcataaatat	ggaatagaaa	atgtgaagac	ctattcaacg	agctttaccc	1320
cgatgtatca	cgcagttacc	aaaaggaaaa	caaatgtgt	gatgaaaatg	gtctgtgcta	1380
acaaggaaga	aaagggtggt	gggatccata	tgcaaggact	tgggtgtgat	gaaatgctgc	1440
agggttttgc	tggtgcagtg	aagatgggag	caacgaaggc	agactttgac	aacacagtcg	1500
ccattcaccc	tacctcttca	gaagagctgg	tcacacttcg	ttgagaacca	ggagacacgt	1560
gtggcgggca	gtgggaccca	tagatcttct	gaaatgaaac	aaataatcac	attgactt	1618

<210> 7538
 <211> 2356
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2015)...(1417)
 <223> similar to gi3881914 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7538
ttgtaaatga cattacatct tttgtattat ccaatacaca gtagatactc agaatttact      60
ccaatgaatg catgttaaaa ggattttgtac agacacaaca ctcttacttt caaagagcag      120
aggaacattt tatatagtga acacatacac actgtggcaa tgtaaaacta ctttaaggag      180
gaaaaatatc cccctcccca gccagggtact gagacctggg gctaaaattt tttgtcagtc      240
agcccccata cccatccctt atcttcgagt gaccttacca ggaaacctgg ctttgggtgga      300
aaggagagct gtggggcctt gggagcctga tgccttttct tttgggagga aaggccacct      360
gcacaatcca caggacagga gtggccagca gctatcctga gctgaggctc cagaagagtt      420
cagatccaag agagcaaggg atgaatggaa ggaaagtccc acccaccttc atgtgtaaag      480
tgattggcat ttactcaaat ctaaatctac tcctctcctc cctgcaatat accattgagc      540
atgtgccaga gtaatggttc tgaacaaaag ccaacacaga tgtcagcctg ggggcaactc      600
cagcctaagg aagcccctac agccgagccc tcagccctaa tgacttaggc agtaggttag      660
gcaggagatg tagagttggt ctggctcact gatttcactg tggaaatctt ctactagaat      720
ttgcaaagac tagatattgg ggaaaggttc attgatctta agatcccaag acacacagcc      780
tagtacctaa gaattttagt atatgtggga gacagaagtg gagaaagcta aagaattaca      840
gccatgcctc ccaaagtatt atgaaaagga gggcttgtcc aagctacctc tgggccttaa      900
ggatgagatg agggtaggag tagggggata catgcacca gcctgttgga gaatccaaca      960
tgaagactat tgtcccttga gaacctaaag caaaagtaca aggaggggaa atactgggtc     1020
ctttacctga aacaagatat gggcctcccc tgccctcag accctacagc tccttaggct     1080
ccaggcctca ggcacaagag atagagaatc atatctgagc cttttgccct tcccttagct     1140
ccaaacaagg gcaggggttg aaatgtgagt gggagagaag ggatcatcag acacactgtt     1200
tagcacctga accacatctc ttcctaaacc agaaatccca agagcagaaa gaaataggag     1260
caaagtgaga gaggggttgt gcttccatca cattaatatg gagacttcgt ggggttgggc     1320
aagggttgtt tcacatcagg acatcaatga ctctggtcaa ggtgaggggt tataattagc     1380
aaagcttcac gtgctctccc tttctttatt catcctgctt ccgtttcggc tttttggggt     1440
tccgggaccg actcttgccc ttgcaaagag ggcataatag tgcattccgg tgaatttgct     1500
ggtgacatga caagcaggcc ttcataagggt ggggctgctg cctgaagggt gccgtctgcc     1560
gagtatcctg cttcctagcc acttgagct gttgggctgca agcggctgca gcggccaggg     1620
actcagggat ggggggctcc tgagggtctg tctgccattc tgctttctgc ttctcaaagt     1680
aatccaagga aagcttctcc tcttcttcac acaagtcagg gagcctctgc aggccagag     1740
tcatgcgcag ggcatacaca tgttctttca gtggcttata ctcatcatgc agcctccttg     1800
tagactctag cagcttggtt aggtcattct cagattgttt gatagtgttt tccatcacat     1860
tgatgtcagc gtggatcagt cggagttcct ccacatgggc catcttctcc tgtagcagaa     1920
ggtccatctc ctgcttgat tcttcagggt gcctttcctc tgactcaagt gcctcaaact     1980
cagccttcaa acgagccttg atcttctcca tctgcagggt cttgttcctg caatttgcaa     2040
aaagcaggaa acaggccagc aaaagaaggg agaaaataga aatggagcca ggactttttt     2100
tctaagccat ctttacaagc ttccccctct ccaggcagag ccaacctgag gccatctcaa     2160
aaaagaaggc caggtgcaat ggctcatgcc agtaatctca gcaatttgga agacagaggc     2220
aggaggatca cttgagccca ggagtttgaa accagcatgg gcaacatagt gagaccttat     2280
atctgatctc tttaatgctt tccaatttgc acatgatttc ttgctcatct gccgcgaaat     2340
cgctgacccg gaaatt
2356

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<210> 7539

<211> 1392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1312)...(310)

<223> similar to gi4929589 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7539
gcaaggtaag aatcaccact catctttaat ataatgaaaa ctggaaaatc aaaaagggtt 60
atgtgaacac taagtcatgt ctgggtggtg ggatgacagg tgatttaaaa atttttcttt 120
attcatatca aattttttatt ttttctacag tatactatta gtgtgttatt taaatagatg 180
tactacttaa ataatttttaa tagtaaagaa gatactctaa gtaaatacat agagaaaaat 240
gtaaggaatt cccaaggcac cccagggttt gtgttaaaat ttcagatgaa attaagtaaa 300
tgttttaggat aataccagat ccttctgaat tctcatctca tcgacttcat tttcagcata 360
ctgaggatct ctgcgagggt ccttgatata tttcagcgtg ttaataactct ttggtgaaa 420
gagcttttca tacacttttt tccacaactc cataggtgag tgggcatgaa gctttccaat 480
gtcattttca ggaacaggag gagatcctat ttgaccgaaa gaatccaatc ctgctgtgat 540
aaacagcggg ttattctgat ccacacatat tgatttgctt ttgtcaatgc caaatgccaa 600
ctgggttgata actccacgta attttagtaa tagagcttct gatttactgg taaacattaa 660
tgatgctcca taataatgtg caacaaatcg aagtgtcttg catattacct ttctcttctc 720
agactcaaaa tcctgaaaaa catcatattt acttccaatt atgaccagag gtaccgaaa 780
tgggtcaatt aattcatgat cctgaggatg atccttcggc atattattcc agatcttctg 840
tctcatttca gaaactgctt tagcatttgt ctttccagat ttcattatca ctttgtctac 900
atggcttttt gtggcttgca agagattttc catggtgggc cagagatcat taggttttga 960
aagatccaga acgagaacaa gagaaaacgt ccgtaagggtg tcacctgtga tgggtatgct 1020
gattaagtcc aataaagagg ttcctccacc gagtcccaa aagtgagcga tatcttttgg 1080
tgtgttggtg ccttttgctc ttcttccata tgtatattcc aaagctaagg ttggttttgg 1140
tgggtcatct ctgtcaagac accttagaat aatagtagtc tttcccccat ttttactgcc 1200
aatgaagaaa acagattttt ctgcaatttc agctccatca ccttcacttc cattaattcc 1260
ccttttttcc acttcagctt ttgcaatttc ccagagagtt tcactgggca tcgtcgacgg 1320
cctggctgcc gcaaacgtca caggctcgga gtagtacca gcctagaatc aggcggcgag 1380
ctccgctcgt gc 1392

<210> 7540
<211> 1181
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (824)...(537)
<223> similar to gi5107076 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7540
cccccccaa aataagggtt ctttcaaaaa attcccagggt aggtttttat acggccccct 60
ataaggaaaa aagtattacc ttgcaagccc gggtaaaact tggccccccc aaggattctt 120
taaaacggcc cccctttttt ttttttttct cgtcctccac caattttatt gccatccgc 180
aggaggtgac agctcctgtg gtgtctgacc accccaact ccgaagtcca gacaagctgt 240
ccgccagaa tatgaggctg acttgggcac actaggggaa taccocaaag gcctgaagga 300
ggtgccactg ggctgccagc acttcaggaa ggcacagggc cccacacccc cgagatccaa 360
gctgcactgg ctggcagggg gcagggcggg ggggtggcgag gacacagtcc cgtgtgtccc 420

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agcaccggtg ccaccctcct aagccccggg caggcagtag gtacatgcgg accccgcctc 480
tcaaagcacg tttatggaaa tgaacagggt ggggtggccc gcgctcgccg gtcacatggt 540
ggctcgttcc cgctgcagcc gcgagttgta ggcgcgagac acggtgttcc aggcgtccat 600
gtagcgttcc atgcacatgg cgatgcaact ctgctcggag ttgtccaggg agcccccagg 660
tttccctata cacttcogga aacacttgct cgtcatcctc tgcagcagct cctgcgcggt 720
ggccacggcg atctgcactt tcacctgctc cattatgagc cctgggtcca gcttcccgtc 780
gccggagccc ccgaaatcgg agccgaagcc gccctccatg gctccgcaaa gtcaaccgga 840
ccgaggccgc gtgcgccgac tcgtaaactaa ctgcgccgga agcgggccgc ccggggcacc 900
acgggaaacg gagtccgcgc ggacggggac ggaggactac aactcccaca cgaccgcgcg 960
cgcccgggcc attcaaggct gcgcgggggg ccctccgctc atgcggaggc ctggacctgc 1020
cgttacctac acgagctacc cgtggttgcg actccgcggg aagaggaggg ccctgacttg 1080
gccggggagt aggggggcta ctacgtgcgg ccgaggccga tcactttgta ctacgcgtct 1140
gcctccagct cgtcccgaag ggcctgccgc gcatgcgcac g 1181

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<210> 7541
<211> 3432
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1948)...(571)
<223> similar to gil335873 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7541
tttttttttt ttgggtgacc attgttttta atttatgaaa tcaagttaa cacacaagaa 60
gcctataaac actgcaatac agaaaaatta agctgctgca ttgaattctt actccaaaac 120
aatgcaaadc tgcagaggtt ctctcccgct atgggtgtga gtggaagaga gggagacttt 180
tttacctggg gttggtggtg gagtgaacaa caagggtggg agagggtttg caaatagcca 240
gagaacagaa accaatgtgc agtcaactgac acacttgacc agttaatttg cacttgactt 300
tggtgtgggc tgttccggct gtggctcctt cggcttcttt gtcttcttct tcttctgctt 360
ggagagacag ctcaaagcag actcgcctctt acttgggggg cagacacaag cagggggcgg 420
gcttgccaga ctgagtggaa gagagggaga cttttttacc tgggggttgg ggtggagtga 480
aacacaaggg tgggagaggt tttgcaaata gccagagaac agaaaccaat gtgcagtcac 540
tgacacactt gaccagggca gttaatttgc acttgactt ggctgtggct gttccggctg 600
tggtctcttc ggcttctttg tcttcttctt ctctgcttg gagagacagc tcaaagcaga 660
ctcgccttta cttggggcag acacaagcag gggcggttg ccagactgag tgggatactt 720
ggttttcttg ctctccgtaa acagtggctg ggacagcagg tggcgagct ccttcttcag 780
aaccttcata tgcttttgtc tccgacgttc ttcttgctgg tcagcttttc ctccctata 840
catgtcttct tccagctcaa tctccagggc agctgctgcc tgctcaatcc aagagtgtg 900
caggcaagcc tggaggttcc gatactcaga tttctcaatc tgctgagcta aacggattcg 960
ctccttgacc acatccatgt attttgctg cacggggaac agtgggatat cctcatcttt 1020
cttgagcgtt ttgtaaactt tcttaaagtt gatcacatcc tcaggcccaa tgagcatcag 1080
actgaggcct tcattggtag ctcgagcagt tcgaccactt cgggtggacat aaatctccga 1140
ggtacgtggg acctggtaat ggatgacatg ctggacttta ggaatatcca gaccccgagc 1200
tgccacatct gttgccaaga gaacacagtc ttccagacgg gcaaactgct ccagggttct 1260
gagcctctgc ttctggtgca tacaggcatg cagggtcaag ggcatgatata caaggacttt 1320
gaggagccca gagaggcgtt tgatgcagga gatactgttg gcaaacta agctgcggcc 1380
tggtactgac atcaggaagt agtacaagta gaagtcttct tcatcagctt cacaatggat 1440

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cttgggtctct	gtagcgtct	ccaccgtggc	ctcattcctt	gtgaggtcaa	tgaccttggg	1500
cttggccctc	atgccaat	tctgcataag	gaggtcaagt	ttggctgttt	tatccatttt	1560
cttgggtgtgc	ttcttatgaa	ggattcgagc	aggagcctga	tgcaccaggg	tgagtgtggc	1620
agaaaaaaca	agcgtttgtc	tctttgggtt	gtattgggag	tcattgagca	tctctagcag	1680
ctgtgagagc	tcagcaaaat	ggcctttctc	aaccatccgg	tcagcctcat	ccactaccag	1740
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ccggcctgga	gtagcaacca	caatctcagg	acgacgggtc	agcatcctct	gctgtttctg	1860
cgtggacatt	ccaccaacca	aaatagcagt	tttaattcct	gtaaacctgg	ccacagcatc	1920
aatgtgctgt	ttgacctgga	cggccagctc	tcgagtggga	gtcagaacca	gtccaagcag	1980
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ctccctgatc	agggaagaag	gcccttcacc	agcatcatcg	tcaccaaaaga	gcaacgcctg	2160
gtctgagaca	gtgcctccag	tcttggtctt	ggcctcggct	gcaatatcac	tgggcagtgc	2220
ttcactctca	attacagtat	cgtcaggcaa	tgcacagac	tcagcttcag	ccttgccctg	2280
tgatctagtc	tcagctccgg	cctcagttct	ggtctctcca	ggtggtgctt	cgggtgttact	2340
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gatggcaggt	gccaaggtca	gggcttggat	tgggtgtggg	gcagagaagc	ctagaaagct	2520
gagtgtctcg	agaaccggcc	tgggaacaaa	caggtccttc	caagctgaca	catctgcttt	2580
ctgatcatga	acttcaggaa	tccatgtctt	cgcttttttg	ggcaccttgg	cagcagtgtc	2640
ctgagaaggc	tccaacctt	ttttcccttt	atttttcttc	ttttttggag	cagtttggac	2700
caggttttct	gatgtcatct	ccccagcctc	cggatcatca	caaacctatg	catctccctg	2760
ggcctccagc	tcaggatctt	tcaattcaaa	ttctttctgg	gtactgggtc	cttcagttgc	2820
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actggaggga	ttcttggcag	gggagaccaa	ctggtaatct	gtcaattcct	caaagcacac	3000
caagtcatcc	atctgtccat	ctgcaaacat	atttgggtca	atcttcactt	ccttccattt	3060
tcccacaact	ttgattccct	ttgtctgaaa	tttgccacag	cttgactgct	ttggccttga	3120
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tctgagaagc	agagggttct	gatgtaacaa	atattttcta	agcaactagg	ccctacaaag	3240
aactgaggat	acaaagatgg	ctatcacaca	gttgctccca	cctagagaag	aacaaagaat	3300
accacagaac	agacagcttt	gcctggaaca	cagggtacac	atgtgatgga	acaaagacat	3360
atgagctaga	cctggtttga	attccaaatc	caacacttac	tgctgtgtgt	accttgata	3420
gtgccacca	ct					3432

<210> 7542

<211> 1297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (210)...(1096)

<223> similar to gi289707 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7542

gcacgagccg	gaaaggaggc	ccaaagcgcg	ggcggcgagg	caagatggcg	gcaaccaaga	60
ggaaacggcg	tggaggcttt	gcagttcagg	cgaagaagcc	aaaaagaaac	gaaatagatg	120
cggagccgcc	agctaagcgg	cacgccacag	cagaggaggt	ggaggaagaa	gagagggacc	180

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ggatcccagg ccccgtttgc aaggggaaagt ggaaaaataa ggaacggatt ctcatctttt 240
cttccagagg aataaatattt agaacaagac atttaattgca ggacttgaga atgttgatgc 300
ctcatttctaa agcagatact aaaatggatc gtaaggataa gctattttgtg attaacgagg 360
tttgtgaaat gaagaactgt aataaatgca tctatttttga agctaagaaa aaacaggatc 420
tctatatgtg gctttcaaatt tcacctcacg gaccatctgc taaattcctt gttcaaaaata 480
ttcataccct cgctgaactg aagatgactg gaaactgttt gaaagggttct cggccccctt 540
tgtcttttga ccctgctttt gatgaattac cacattatgc tttgttaaaa gaactcttaa 600
ttcagatctt tagtacacca cggatatcatc ccaaaagcca accatttgtg gaccacgtgt 660
ttacttttcac cattttggat aataggatat ggtttcggaa ctttcagatc atagaagaag 720
atgctgctct ttagaaaata ggacctcgtt ttgtcttaaa tctcataaag attttccagg 780
gaagttttgg aggaccaact ttatatgaaa atcctcacta ccagtcacca aacatgcac 840
ggcgtgtcat aagatccatc acagctgcaa aatacagaga gaaacagcaa gtgaaagatg 900
tgcaaaaaact gagaaagaaa gagccgaaga ctcttcttcc acatgatccc actgcagatg 960
tttttghtaac accagctgag gagaaaacca tagaaaataca gtgggttaaaa ccagagccaa 1020
aagttgattt gaaagcaaga aagaaacgga tttacaaaag gcaaagaaaa atgaaacaga 1080
ggatggacag tgggaaaaca aaataagtca atggaaacct gatttgtttt tcagttactt 1140
tatatttatt ttgtattcaa tgtgtaaata cttttattat ctaatactat cttacgtcta 1200
attagtgtag catttacaag aaagaaaaat taagatctta aaatcagtga ttatcttttt 1260
ctaaataaaa tatcaccaga attcatcaaa aaaaaaa 1297

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<210> 7543
<211> 722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(577)
<223> similar to gi4894946 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7543
agtccggccc gcagcctcgg ggccccgcgg gcgcagcggg gcgggagggc gggcggcccc 60
cccgtagggc gagcggggcg gcccctgtga cgctcgccc caactcgccc tcagccggct 120
ggccggcgcg gccatggagg tctacatccc gtccctttgc tatgaagaga gcgacctgga 180
gcgggggatac acggtgttta agatagaagt gctaattgaat ggaagaaaac attttgttga 240
aaagagatac agcgaatttc atgctttgca caaaaagctt aagaaatgta taaaaactcc 300
agaaatccct tctaaacatg ttaggaactg ggtcccaaaa gtcttggaac agcgacgaca 360
aggcttgga acatacttac aggctgtcat tttagaaaat gaagaacttc ccaaactgtt 420
tcttgatttc ctaaatgtgc gacacttgcc ctctctacca aaggcagaaa gttgtggatc 480
ttttgatgaa acagagtctg aagagtcaag caaactgtcc caccagcctg tgctgctgtt 540
cctcagggat ccatatgtct tgccctgcagc cagcggtaat caaacctgtc atctgctaac 600
agctctttac tgatctgacc ctgcaccaca taaaccacgt ttttaataca ggtctaacag 660
agtgcattg gtccccgggct taataatctg ccaataaacc agtgctcttg gtaaaaaaaaa 720
aa 722

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<210> 7544
 <211> 2560
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1089)...(1351)
 <223> similar to gi4210352 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7544

caattaaatt	gggtaccccc	cggggtttttcc	cctcccccccc	ttgttaaacc	cccgcccccg	60
gaatttaatt	tggggggcccc	aaaaaaaaaaa	tttttccttg	cccgcccccg	gtagttaaatt	120
ttgggttcctt	taaacggccc	ccccctttttt	tttttttttt	tggaaagcaa	ggatcacact	180
tccccctccc	tgttccttaa	tccctttttct	aaaaaggggg	gaaaatccgg	atggatttta	240
gggattggtc	tgggtgtcagc	tgtgttttat	tgcacacctt	aatcctgatt	ataggccttt	300
cattttctccg	caaagccttt	attttggcag	ttaagccaaa	tgtgttttcc	agaaagttag	360
ttatttttctc	ctctttcttt	cctttctttc	ctcccttttt	cccgtctgaa	ccccaaacgt	420
tattgtccaa	acatgaactg	gacagcagct	ttttggtttc	ttgacctgt	aatatggaca	480
gtctgctaatt	attgcacaga	aggggtgcagt	ttttgggggt	atagtcgggt	attttcgcta	540
atcaatcata	ttaggcaggg	aaaaaaaaaat	acttgtttct	gttgacttg	agtcttaaga	600
aaaagtgtccc	atagttttagt	gacaattttcc	aaaggcttta	gtaccacctg	tatttcaaaa	660
tggggggaccc	aaactcccgg	aagaaacaag	ctctgaacag	actacgtgct	cagcttagaa	720
agaaaaaaga	atctctagct	gaccagtttg	acttcaagat	gtatattgcc	ttgtattca	780
aggagaagaa	gaaaaagtca	gcactttttg	aagtgtctga	ggttatacca	gtcatgacaa	840
ataattatga	agaaaatatc	ctgaaagggt	tgcgagattc	cagctattcc	ttggaaagtt	900
ccctagagct	tttacagaag	gatgtggtac	agctccatgc	tcctcgatat	cagtctatga	960
gaagggatgt	aattggctgt	actcaggaga	tggatttcat	tctttggcct	cggaatgata	1020
ttgaaaaaat	cgtctgtctc	ctgttttcta	ggtggaaaga	atctgatgag	ccttttaggc	1080
ctgttcaggc	caaatttgag	tttcatcatg	gtgactatga	aaaacagttt	ctgcatgtac	1140
tgagccgcaa	ggacaagact	ggaatcgttg	tcaacaatcc	taaccagtca	gtgtttctct	1200
tcattgacag	acagcacttg	cagactccaa	aaaacaaagc	tacaatcttc	aagttatgca	1260
gcatctgcct	ctacctgcca	caggaacagc	tcacccactg	ggcagttggc	accatagagg	1320
atcacctccg	tccttatatg	ccagagtaga	gtactgacca	gcaaaatgga	gaagatcaga	1380
gaatgcagca	gcagtttttt	ttcttgtttt	cttaccactt	tattctttca	gagtttaaag	1440
aaaatggact	catgcacaga	acactatgca	ttttgaaact	tgttcatcct	ggattttttt	1500
aaatcatttt	tatctcagaa	cttaaacaaa	aattagatgt	cgtgcacgga	ctgtgtgaaa	1560
gaagatgctt	tgcataattg	ctgcactgca	tcagtatctt	actaaaaatg	tgaaatgaaa	1620
ggactattgt	acactgaaat	gcttaaatgt	atctgaaagc	acaaggatgat	actcattttt	1680
atgggtcttcc	catttggtgct	ggttttttgcc	tctttgacat	ctgtcatcag	tatttagagg	1740
gtgagaagtg	aatgtaacag	gtataaataa	cattttttaa	aacaataact	ttgctataat	1800
cacagttggt	ccagagcact	gtcagataca	ttctaattgac	cagaactggg	ttaaaaaaag	1860
aaaatacaac	catgggaagg	aaatcttaaa	tgaaaaaacg	atctcattgt	aggcattttt	1920
gcctcatatt	ttactggggc	atgtttgttt	cctgggtactc	atgtattttt	tttttccaga	1980
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tgttttgttt	ttgggttttac	agagaagaga	tttttattac	aaagaaaaaa	attccagtga	2220
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gagtagaaaa	aaggttataa	agtttgaatc	ttaaattgta	aaattaacca	ttgagtgtca	2340
aagttctaaa	agcagaactc	attttgtgca	atgaacataa	ggaaagacta	ctgtataggt	2400
tttttttttt	ttttctcctt	ttaaatgaaa	aaaagctttg	ccttaagggt	tgcatacttt	2460
tattggagta	aatctgaatg	atcctactcc	tttgagagtaa	aactagggct	taccagtttc	2520

caattgtatt tagcttctgg ttggaatttg aaaaaaaaaa

2560

<210> 7545

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (186)...(1459)

<223> similar to gi3341980 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7545

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cggcgcatc	tgattggaca	gcggggaagc	ccgtcagcct	gttggtcccg	ctgatcccg	120
cccgtagcgc	agggcagcct	ttaaccttta	gccccagtgg	gcgccagcca	ctcagatcgc	180
ttcttggttg	tatgtgtagc	ggcagtgagg	gccggcggag	cagtctgagc	ccgacgatga	240
ggccggggac	gggagctgag	cgtggaggcc	tcatgatggg	gcaccctggc	atgcattatg	300
ccccaatggg	aatgcaccct	atgggtcaga	gagcgaatat	gcctcctgta	cctcatggaa	360
tgatgccgca	gatgatgccc	cctatgggag	ggccaccaat	gggacaaatg	cctggaatga	420
tgctgctcag	aatgcctgga	atgatgatgt	ctcatatgtc	tcaggcttcc	atgcagcctg	480
ccttaccgcc	aggagtaaat	agtatggatg	tagcagcagg	tacagcatct	ggtgcaaaat	540
caatgtggac	tgaacataaa	tcacctgatg	gaaggactta	ctactacaac	actgaaacca	600
aacagtctac	ctgggagaaa	ccagatgatc	ttaaaacacc	tgctgagcaa	ctcttatcta	660
aatgcccctg	gaaggaatac	aaatcagatt	ctggaaagcc	ttactattat	aattctcaaa	720
caaaagaatc	tcgctggggc	aaacctaag	aacttgagga	tcttgaagga	taccagaata	780
ccattgttgc	tggaagtctt	attacaaaat	caaacctgca	tgcaatgatc	aaagctgaag	840
aaagcagtaa	gcaagaagag	tgcaccacaa	catcaacagc	cccagtcctt	acaacagaaa	900
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cagcagcggc	agcagcagca	gcagctgcag	ccaatgctaa	tgcttccact	tctgcttcta	1020
atactgtcag	tggaactgtt	ccagttgttc	ctgagcctga	agttacttcc	attgttgcta	1080
ctgttgtaga	taatgagaat	acagtaacta	tttcaactga	ggaacaagca	caacttacta	1140
gtaccctcgc	tattcaggat	caaagtgtgg	aagtatccag	taatactgga	gaagaaacat	1200
ctaagcaaga	aactgtagct	gattttactc	ccaaaaaaga	agaggaggag	agccaaccag	1260
caaagaaaac	atacacttgg	aatacaaaag	aagaggcaaa	gcaagctttt	aaagaattat	1320
tgaaagaaaa	gcgggtacca	tcgaatgctt	catgggagca	ggctatgaaa	atgattatta	1380
atgatccacg	atacagtgtt	ttggcaaaag	taagtgaaaa	aaagcaagcc	tttaatgcct	1440
ataaagtcca	gacagaaaaa	aaaaa				1465

<210> 7546

<211> 1048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (53)...(645)
 <223> similar to gi4156162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7546

gcacgagccg	cggtaggggtg	ggaacccaag	cgggagagcc	gcgggatttg	cggccgccgc	60
catgccgtcg	tccccgctgc	gggtggcggt	ggtgtgctcg	agcaaccaga	accggagcat	120
ggaggcgcac	aacatcctca	gcaaacgggg	attcagcgtc	cgatcctttg	gaacagggac	180
tcacgtgaag	cttccaggac	cagctcccga	caagcccaat	gtttatgatt	tcaaaaccac	240
atatgaccag	atgtacaatg	atcttcttag	gaaagacaaa	gaactctata	cacagaatgg	300
gattttacat	atgctggaca	gaaataagag	aatcaagccc	cggccagaaa	gattccagaa	360
ctgcaaagac	ctgtttgatc	tgatcctcac	ttgcgaagag	agagtgtatg	accagggtgt	420
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catccaggac	aaccacgagg	aggccaccct	gggggcgttt	ctcatctgtg	agctctgcca	540
gtgtatccag	cacacggaag	acatggagaa	cgagatcgac	gagctgctgc	aggagttcga	600
ggagaagagt	ggccgcacct	ttctgcacac	cgtctgcttc	tactgagccc	agcgcccgca	660
tggagccgcc	tctggagctt	cctgtttgtt	atactttttt	cttcctgaca	tttgttttta	720
cttacagggt	ttctgctggt	gacggtagca	ttacccaaat	aaactgtgca	tatgaaatgg	780
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tatgagcggg	atattgatta	caaagttttt	cttctttaac	caaaaaggaa	agacaacggt	900
ttgtgtgcac	ttcccacat	acctgtgtct	tcgtgtgcct	gccttccctc	cctcctcccc	960
accgggccgg	actgtacaga	gccctgctgc	ggcgtgttag	gaatgacctg	gaattgtcaa	1020
taaacagatg	ctgctgtcaa	aaaaaaaa				1048

<210> 7547
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (66)...(375)
 <223> similar to gi3114822 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7547

cttcattctt	cgccaggctc	tctgctgact	caagttcttc	agttcacgat	cttctagttg	60
cagcgatgag	tgcacgagtg	agatcaagat	ccagaggaag	aggagatggt	caggaggctc	120
ccgatgtggt	tgcattcgtg	gctcccgggt	aatctcagca	agaggaacca	ccaactgaca	180
atcaggatat	tgaacctgga	caagagagag	aaggaacacc	tccgatcgaa	gaacgtaaag	240
tagaagggtg	ttgccaggaa	atggatctgg	aaaagactcg	gagtgagcgt	ggagatggct	300
ctgatgtaaa	agagaagact	ccacctaatc	ctaagcatgc	taagactaaa	gaagcaggag	360
atgggcagcc	ataagttaaa	aagaagacaa	gctgaagcta	cacacatggc	tgatgtcaca	420
ttgaaaatgt	gacttgaaaa	ttttgaaaat	tctctccaat	aaagtttgag	ttttctctga	480
agaaaaaaaa	aaaaa					495

<210> 7548
 <211> 1574
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (781)...(1350)
 <223> similar to gi5923992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7548
 cggtatgcat ctgagatata aagaagaaaa agccacagct ccttccttcg tgatgctcat 60
 agtctgggag aggaagaatt cagtgtcctg gcagggttaca atgggtacat ctttgcatat 120
 gggcaaacag gcagcgggaa gacattcact atcacagggg gtgcagagcg ttacagtgcac 180
 agaggcatta tcccaaggac actgtcttac atttttgaac agttacaaaa ggacagcagc 240
 aaaatatata caacacacat ttcctatttg gaaatctaca atgaatgtgg ttatgatctt 300
 ttggatccaa gacatgaagc ctccaagttt ggaagatttg ccaactcctat gaaccaagct 360
 tcaaccggtt cccactgcat tttcaccatt catttgtcaa gcaaggaacc aggatctgca 420
 actgtacgac atgccaaact ccatctgggt gacctggctg gttcagagcg agttgcaaag 480
 actggagtag gggggccatct tctaacagag gccaaagtata tcaacttgc actacattac 540
 ttagaacagg ttatcattgc cttttcagaa aagcaccgtt cgcacattcc ttatagaaac 600
 tccatgatga ccagtgtcct aagagacagt ttgggaggga actgcatgac aactatgatt 660
 gcaacactct ccttggagaa aaggaatctt gatgagtcta tatcaacctg cagatttgca 720
 cagcgagtgg cactcataaa gaatgaagct gttcttaatg aagaaattaa cccagatta 780
 gtgattaaac gcctacaaaa ggaaatccag gaactgaagg atgaactggc catgggtcact 840
 ggggagcaga ggacagaggc actcacagaa gcagagctcc ttcagctgga aaaactaata 900
 acatcctttt tggaagacca ggattcagac agtagattag aggttggcgc ggatatgcgt 960
 aaagttcatc actgttttca tcatttaaag aaactattga atgacaagaa gatccttgaa 1020
 aacaatacag tctcctctga aagcaaagac caagattgtc aagaaccatt aaaagaagaa 1080
 gaatatagaa agctacgaga tattctgaaa cagagagata acgaaatcaa tctcctggta 1140
 aacatgttaa aaaaagaaaa gaagaaagct caggaggctc tccacttggc tggcatggat 1200
 agacgtgaat tcagacagtc ccagagccca cccttccgcc taggaaaccc agaagaagg 1260
 caaagaatgc gactatcctc agctccctca caggcccagg acttcagcat tttggggaaa 1320
 agatccagtt tgctccaca gaaaatagga atgagagagg aaatgtcatt aggatgccag 1380
 gaggtttttg aaatcttcaa gagggaccac gctgacagcg ttaccatcga tgacaacaaa 1440
 cagattctga aacagagatt ttctgaagcc aaggccctgg gagaaagtat aaatgaagca 1500
 agaagtaaaa tcggtcacct gaaggaagaa atcaccacagc ggcatatata gcaagtagcc 1560
 ctaggaatct cgga 1574

<210> 7549
 <211> 1421
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (69)...(785)
 <223> similar to gi5231135 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7549

ggcaatttcc	ggcgccctccc	tcacgcccgc	cctccttgcc	gccagccgg	tccaggcctc	60
tggcgaacat	ggcgcttgct	ccctgccagg	tgctgcggat	ggcaatcctg	ctgtcctact	120
gctctatcct	gtgtaactac	aaggccatcg	aaatgccctc	acaccagacc	tacggaggga	180
gctggaaatt	cctgacgttc	attgatctgg	ttatccaggc	tgtctttttt	ggcatctgtg	240
tgctgactga	tctttccagt	cttctgactc	gaggaagtgg	gaaccaggag	caagagaggc	300
agctcaagaa	gctcatctct	ctccgggact	ggatgttagc	tgtgttggcc	tttcctgttg	360
gggtttttgt	tgtagcagt	ttctggatca	tttatgccta	tgacagagag	atgatatacc	420
cgaagctgct	ggataatttt	atcccagggt	ggctgaatca	cggaatgcac	acgacggttc	480
tgccctttat	attaatcgag	atgaggacat	cgcaccatca	gtatcccagc	aggagcagcg	540
gacttaccgc	catatgtacc	ttctctgttg	gctatatatt	atgggtgtgc	tgggtgcatc	600
atgtaactgg	catgtgggtg	taccctttcc	tggaacacat	tggcccagga	gccagaatca	660
tcttcttttg	gtctacaacc	atcttaatga	acttcctgta	cctgctggga	gaagtcttga	720
acaactatat	ctgggataca	cagaaaagta	tggagaaga	gaaagaaaag	cctaaattgg	780
aatgagatcc	aagtctaaac	gcaagagcta	gattgagccg	ccattgaaga	ctccttcccc	840
tcgggcattg	gcagtggggg	agaaaaggct	tcaaaggaac	ttggtggcat	cagcaccccc	900
ctcccccaat	gaggacacct	tttatatata	aatatgtata	aacatagaat	acagttgttt	960
ccaaaagaac	tcaccctcac	tgtgtgttaa	agaattcttc	ccaaagtcac	tactgataat	1020
aacatttttt	ccttttctag	ttttaaaacc	agaattggac	cttggatttt	tattttggca	1080
attgtaactc	catctaatac	agaaagaata	aaagtttatt	gcacttcttt	ttgagaaata	1140
tggttaaagtc	aaaggggcat	atatagagta	aggcttttgt	gtattttaatc	ctaaagggtg	1200
ctgtaatcat	gaacctaggc	caccatgggg	acctgagagg	gaagggggaca	gatgtttctc	1260
attgcataat	gtcacagtgt	cctcaaatac	gcaccatttg	taataatgat	gtcaatttca	1320
tgaaaagcct	gagtgtattg	catctcttga	tttaatcatg	tgaaactttt	cctagatgca	1380
aatgctgact	aataaagaca	aagccaccct	gaaaaaaaaa	a		1421

<210> 7550
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (347)...(816)
 <223> similar to gil399086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7550

ggggctcctg	gctgtgggtg	tggtactgag	gcttcagcgg	gtgccgcccg	cctagaggga	60
gtggagcggg	gagcacgtca	gggggtgggg	gcgcagggtc	agctttcacc	agtttttaac	120
tctttgatgg	ggtaaatttg	agcaattttc	tcgacttgct	gacattcggt	attaactgag	180
caggaatcag	gagaggaacc	cggctcctct	cacacagccc	agcagagagc	ctacgactag	240

atttgcattct	ttacgtcctg	cgcgaggagct	gctacacaca	tgcagaagtc	atgctgggtg	300
cctggacagt	gaagggagag	aagtggattt	gggagacatt	taggagatgg	caccaaaaagc	360
gaagaaggaa	gctcctgccc	ctcctaaagc	tgaagccaaa	gcgaaggctt	taaaggccaa	420
gaaggcagtg	ttgaaagggtg	tccacagcca	caaaaagaag	aagatccgca	cgtcacccac	480
cttccggcgg	ccgaagacac	tgcgactccg	gagacagccc	aaatatcctc	ggaagagcgc	540
tcccaggaga	aacaagcttg	accactatgc	tatcatcaag	tttccgctga	ccactgagtc	600
tgccatgaag	aagatagaag	acaacaacac	acttgtgttc	atttgtggatg	ttaaagccaa	660
caagcaccag	attaacacag	ctgtgaagaa	gctgtatgac	attgatgtgg	ccaagggtcaa	720
caccctgatt	cggcctgatg	gagagaagaa	ggcatatggt	cgactggctc	ctgattacga	780
tgctttggat	ggttgccaaca	aaattgggat	catctaaact	gagtccagct	gcctaattct	840
gaatatatat	atatatatat	atctttttcac	cataaaaaaa	aaa		883

<210> 7551
 <211> 1827
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (74)...(1424)
 <223> similar to gi758073 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7551						
aattcttgga	agaggagaac	tggacgttgt	gaacagagtt	agctggtaaa	tgtcctctta	60
aaagatccaa	aaaatgagac	ttctagcaaa	gattatttgc	cttatgttat	gggctatattg	120
tgtagcagaa	gattgcaatg	aacttcctcc	aagaagaaat	acagaaattc	tgacaggttc	180
ctgggtctgac	caaacatatc	cagaaggcac	ccaggctatc	tataaatgcc	gccctggata	240
tagatctctt	ggaaatgtaa	taatgggtatg	caggaaggga	gaatgggttg	ctcttaatcc	300
attaaggaaa	tgtcagaaaa	ggccctgtgg	acatcctgga	gatactcctt	ttgggtacttt	360
tacccttaca	ggaggaaaatg	tgtttgaata	tgggtgtaaaa	gctgtgtata	catgtaatga	420
ggggtatcaa	ttgctagggtg	agattaatta	ccgtgaatgt	gacacagatg	gatggaccaa	480
tgatattcct	atatgtgaag	ttgtgaagtg	tttaccagtg	acagcaccag	agaatggaaa	540
aattgtcagt	agtgcaatgg	aaccagatcg	ggaataccat	tttggacaag	cagtacggtt	600
tgtatgtaac	tcaggctaca	agattgaagg	agatgaagaa	atgcattggt	cagacgatgg	660
tttttgaggat	aaagagaaac	caaagtgtgt	ggaaatttca	tgcaaattcc	cagatgttat	720
aaatggatct	cctatatctc	agaagattat	ttataaggag	aatgaacgat	ttcaatataa	780
atgtaacatg	ggttatgaat	acagtgaag	aggagatgct	gtatgcactg	aatctggatg	840
gcgtccgttg	ccttcatgtg	aagaaaaatc	atgtgataat	ccttatattc	caaattggatg	900
ctactcacct	ttaaggatta	aacacagaac	tggagatgaa	atcacgtacc	agtgtagaaa	960
tgggtttttat	cctgcaaccc	ggggaaatac	agccaaatgc	acaagtactg	gctggatacc	1020
tgctccgaga	tgtaccttga	aaccttgtga	ttatccagac	attaaacatg	gaggtctata	1080
tcatgagaat	atgcgtagac	catactttcc	agtagctgta	ggaaaatatt	actcctatta	1140
ctgtgatgaa	catttttgaga	ctccgtcagg	aagttaactg	gatcacattc	attgcacaca	1200
agatggatgg	tgcgcagcag	taccatgcct	cagaaaatgt	tattttcctt	atttggaaaa	1260
tggatataat	caaaattatg	gaagaaagtt	tgtacagggt	aaatctatag	acgttgccctg	1320
ccatcctggc	tacgtctctc	caaaagcgca	gaccacagtt	acatgtatgg	agaatggctg	1380
gtctcctact	cccagatgca	tccgtgtcag	ctttaccctc	tgaacttctg	atcgaaggtc	1440
atccctctcc	agcttgagtg	gatcaaagat	gacaagggcc	aatggaacca	agtttgagtc	1500
ttgccagggtc	aatacttggg	tcctgagtat	ggtgactagt	atctgttttg	ttatgtgtgt	1560

attattccag	ccagaatggg	aatgctaata	tcagctcctc	caggcagccc	aatggggctg	1620
gtggctttga	tattattaaa	ctctttctct	gctgcaaacc	ccactgtctc	agtgtattgt	1680
tctgttgctg	tgcagcaggc	atacaaatct	gacaatctcg	taactatttg	tggcaagcca	1740
ggtcgagggtc	actctctttg	agggcattta	ctcactgcct	agtgccccct	ttccactggg	1800
acagaccag	agacaaaccc	tagcagc				1827

<210> 7552

<211> 1393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (181)...(530)

<223> similar to gi2613002 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7552

aggggcgctc	cggccagtga	ttggctggag	gtttgttaac	tattcatgag	ggggcgggcc	60
gagcggggcg	gcctttgtta	agcagcgagg	gcgcgaccgg	gggtactctg	ctgccggcctt	120
ctcggagcgg	cgtctgggca	ccagagcagg	gtcgagatgt	cctacatccc	gggccagccg	180
gtcaccgcgg	tgggtgcaaag	agttgaaatt	cacaagctgc	gtcaagggtga	gaacttaatc	240
ctgggtttca	gcattggagg	tggaatcgac	caggatcctt	cccagaatcc	cttctctgaa	300
gacaagacgg	acaagggtat	ttatgtcaca	cgggtgtctg	aaggaggccc	tgctgaaatc	360
gctgggctgc	agattggaga	caagatcatg	cagggtgaacg	gctgggacat	gaccatggtc	420
acacacgacc	aggcccgcga	gcggctcacc	aagcgctcgg	aggagggtgt	gcgtctgctg	480
gtgacgcggc	agtcgctgca	gaaggccgtg	cagcagtgca	tgctgtccta	gcagccacca	540
ccatctgcga	ctcctgcctg	cgcctctctt	gtacagtaac	gccacttcca	cactctgtcc	600
ccatctggct	tctgctgacc	gctgggcccc	agctcagaag	ggctatagct	ggtcccagag	660
gcctggcctg	gccttccttc	ccttctccca	tccctggcct	ggggcctctg	ggaccagctt	720
tctctcctgg	acaccgagga	ttggaaataa	gggcctggag	ctgagtagta	gccagtctgc	780
tgtgaccaca	ggctcaggtc	cgaccctgct	gcttggccac	agcagtggct	gggcaagtgg	840
gaaccactat	ctcttgggag	ccccaaaag	ctgggaaatg	ctggagggaac	caggcctttc	900
cgccttttgc	ctggctgcag	ggttcggctc	cgcctctgcc	ccccagccct	cgtgtgtcca	960
caccgcagtg	cctctgcccc	tcgggggact	ggacacacat	cctgccagag	gcgctacgaa	1020
gctttgcccc	gatgaagcca	ggtgggctcc	gcgttcactc	ccactctccc	gaggggtgct	1080
ggcctcccca	gggtttgcct	tcttaocgat	ttagacgagg	ttcgaggctc	acctatcagg	1140
gcagctctca	ggattgtcat	tttctctttt	gcctgtgggt	ttactttttg	tattttttta	1200
atcacaagtt	tgatacaaaa	tgttttttatc	gtactctttg	gagatgcccc	ttctactttt	1260
gaatttagct	tttactaatt	cgcactctgga	agctcagcaa	gtgcacaagc	cttacttttg	1320
ttaccgtgga	aaccactgcc	gccccctccc	gatgtgggtgc	gctcaataaa	aatgctggaa	1380
ttcaaaaaaa	aaa					1393

<210> 7553

<211> 3398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3204)...(0)

<223> similar to gi34672 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7553

tttttttttt	ttgtatttct	tagtgctttt	gatttttaatt	cttttggcat	atctaaatgt	60
cagaaagtga	atatatacat	acagaattca	aaacaccttc	ctaaaatggg	tattattggc	120
cagtcattta	catctttatt	ttgaaagtct	gaattgtcaa	atagttctaa	agtgcattct	180
tgcagcta	aaatagcagc	atttgtttat	aaaaccttaa	gaaattcaga	ccagggtcgg	240
agaagtcaca	ataaaaaatc	agacatgac	tagatatagt	cttcctta	catctaagac	300
aaacacttgt	gtgaattagt	ttataagtat	acatgaaata	tattttaaaa	aaacattata	360
aaaaattcat	acagtgatga	aaaaaggagt	cttcctctgc	tattaatatt	aaatatggca	420
aaacatacac	tatacaaggt	ttgttgaata	ctagttgtct	ttggaacat	agggaaagct	480
ttgctctggg	tcagtgtatg	atgtagctga	ggtcctgat	tttcaacaaa	gctggagttc	540
tacaagatga	cctggaagac	tgcttctggc	atggctttcg	agaaatcatc	cacacaaatg	600
aaaatgttct	ttcagtactg	ggactgtcag	ttcatggctt	tttgcgcttg	ggttgtgcgt	660
gatgctgata	tccaggtccc	agctgggac	ctgctctcat	ctccacagcc	acagaacacc	720
ttgtttctac	atcgggtccat	tcagactctg	caccatctgg	ttgggcaggt	gctactgtgg	780
aagatcttcg	ttttcgacta	ccatttgggtg	attcttgcct	taaagtctca	atatcagtaa	840
actgaacaga	ttgtccacca	ccccttgttt	tataaatatc	acccttaatt	agtttagttt	900
caatctcccc	atcggaggct	agttcctggt	gggtcagcat	gtacttctca	cacttagcta	960
gtgccttttc	atttgcaaca	gatactgtga	tggcatgagg	gacatgtggc	tgcatgactg	1020
tttcagtttg	catgttagag	gcgggcttat	gatctaccca	tctgtctcct	gcagagcgtg	1080
atcgtctgtg	tcggagacga	attgggtggtg	cgttctgac	aggttgaaag	agtaaaggca	1140
cagggtgatg	agaaacagat	cttttagtaa	ctttttctcg	atctcgctcc	cgagagggtc	1200
tctctggcct	ctcagtttta	ggttcagtaa	caatagcctt	cagttgtttc	agcttttcat	1260
ctttaaccca	gagtttatcc	tgcatctcca	gctgtttggc	tgccactcta	cgctcacatt	1320
ctttctccca	cttcattgtc	gtttctgtca	ccatgccttg	caacctggct	tctaattctgc	1380
gtttgtcaga	aaactgtcgc	tgaagtttct	ggttctgagt	ttcaagttcc	tgttgcaa	1440
tgcgtttatc	ttcctcatag	atagtagttg	ttttctctaa	aatctcaatc	ttatattcta	1500
aagttttgtt	tttcttttcc	agtcgtttcta	tttccaattt	ctgtcctgag	atcatcttct	1560
ctttttcatt	tagtttccct	tgcatgtggg	tttctttact	taaaacagca	ttgtcaaatt	1620
cttgtaacaa	agcttttaaaa	gcattagatt	gtttgttaaa	ctcatcaatc	atcatttgtc	1680
gtaagtattg	tcgtttctct	aaggcttcaa	tcagccttgg	aagtgtctgc	tcatcgttga	1740
tatccaaaat	ttcgcagac	ggcaaagggtg	gaaaactctg	caaaaccacg	tcagtaacca	1800
atggttcatt	tccaagtggg	acctcgaggc	tggtttctgt	atctcctccc	aggcggttaa	1860
ccacatattg	ccttgtctac	aggtcttgct	acttcaactt	cttgagtcac	ttccgcaa	1920
ctcatgactt	gcaagttttc	ttcataatct	tcagccttgg	ggttcacaca	cacgatcatc	1980
cgcacttttc	cttccccatc	aaagtagttc	ttgaacagat	gggttaactt	tgaatctcga	2040
tatggaacca	tcttgttagt	tccatacatt	tggttctctc	ttaggacatc	catacatggt	2100
cttagcgtca	ttagtgactg	attaatatta	ccagcttcac	gtaatctggt	cccttctgct	2160
ctgggtccgg	tagttctttc	acttccagca	agatctacca	aggacaactg	acttataagt	2220
atttgttctt	tttctgttaa	gacattgtct	ccatctgcat	ccaagggagc	ctgaactaat	2280
ttaatgttga	acacgctatg	ggaacggctg	gactcacgat	tcaaagtggg	attagcaata	2340
cgtctctttt	tctggcctct	ccagaaaact	tcaaaagcct	cctcagtaga	tttcacttca	2400
acttctgtac	atcctgcaac	atacatgtta	tggttcttaa	tcttcacgaa	gcaatttaga	2460
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ttattatata	tttcaatata	agagacaaat	acaccataga	cactatcttc	atcaacctct	2580
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ttgctagaag	aagtctttgg	attgggcata	gcttctcttt	tctgacgttc	taataaggca	2700

09400725 "012100

tcaacctcac	actgtatatc	catactattc	ctatcattag	atttgaaaac	atatacgttta	2760
gcttgaaatg	accctataact	gttaaagatc	atgtccaaac	aacgaggaag	cagccctcct	2820
tcccctggag	aaccagtcac	tgtgtgagtt	tttccacttc	ccgtcacacc	atatgtaaaa	2880
agaagacat	ttttgccatg	aatgaggtca	ttgaccaagg	gattagccac	aacatcaaag	2940
agttccttct	gggtggtgtg	agtgccaaat	acttgtttaa	atgaatactg	agtctcctta	3000
tagtctccat	ttcggttgag	tctgtagccc	tcaggagtat	gaagctgaac	agttgtatta	3060
ttgatcactt	ctatgcaaca	ctcttgatca	ggaaagccca	gtgggcgcac	cctacagtat	3120
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gctaaggcgc	ggtgctctgc	gaagccggcg	gcgacgctaa	gagcccaggt	gagctcccgc	3360
ctgggcgcac	tttcaaacgg	gccaatcagc	gcccgtcc			3398

<210> 7554
 <211> 1001
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (923)...(588)
 <223> similar to gi3925782 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7554						
tcccaagcac	tcattctctag	gagaccagat	gtcaaaacac	aaccacctct	ggcaacattt	60
ggaattatag	gatgcattcc	catgtaaact	ggcattaaga	aaaacaaaat	tgcactaacc	120
aaaaataacc	caaattttaag	gaccagaagc	ataagccatg	aattttactat	ctcaggtaga	180
ctgagcattt	ggataattct	catttctccag	aatcccaca	ggaaggaaaa	aataaataaa	240
tttatatata	ttcatataaa	gactttttatc	tattgtgcaa	agagaggggtc	atctggctcc	300
ccagaagggt	ctcaacccca	tcaagactgt	ccatttttaca	tctctagctc	cagttcttct	360
cagagagtaa	aagtgtcca	aaggcctgtg	atcatgggta	ctgattaagg	gctgcagact	420
cttcagatcc	agttaaatcc	ctgggtgttg	agctgtgtgg	gagctgtggg	tgcttgcttc	480
ctggcctttg	ctgaggtcct	gccgcaaacc	ctgcagcagc	tggttttagga	gtgtaagggtg	540
gctgtctctg	cgaggcagag	gcagggggtg	gaggcaattc	cctttatact	cgatcactgc	600
catcttgccc	cgatccaaac	tccgatttgg	gatctgcagc	attcttgtgt	agccccaggt	660
ttgatctttg	taccgagggg	ccagtacttg	aaacagcttt	gggatcaaata	ccttctctgt	720
gagccagaag	tcagccatgc	gcattggctg	ttcgtttagtg	tctcccagct	tcccatagtc	780
gatgagcttc	tccgcgtagc	ccctcatttc	gtccacacgc	gcccattggg	cctcgatgcg	840
ttcgtgcgc	accagccctg	tgagcaagtt	ccgcaacaga	tggtatgcggg	actcgggacc	900
gaggcccata	cggcgaaata	cgcggccatg	ggagatcgct	gcagcgcaccg	acagccgcac	960
gtttccaact	tctgcccgc	ccttgagggc	cggctcgtgc	c		1001

<210> 7555
 <211> 1656
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(617)

<223> similar to gi4895035 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7555

ggcacgagca	catacctgat	tttctagatc	caaaagaact	caggcagaga	ccatgaaact	60
aaagcggatc	cagaaggagt	tgcaggcttt	agatgacatg	gtgtcagctg	acattggaat	120
tctcaggaac	cggattgatc	aggccagctt	agactattca	tacgctcggg	agcggtttga	180
cagggctgaa	gcagagtaca	ttgcagcaaa	gctagatata	cagcgcaaga	ctgagataaa	240
agagcaactc	actgaacacc	tttgtacgat	catacagcaa	aatgagctcc	gaaaggccaa	300
gaagttggag	gagttgatgc	aacaactaga	tgtagaagcc	gatgaagaga	ctttgg'agct	360
tgaggtggag	gtcgagagat	tgctacacga	acaagaagta	gaatcaagga	gaccagtggg	420
tcgttttagag	aggccatttc	agcctgcgga	ggagagtgtg	acattagaat	ttgctaaaga	480
gaacagaaaag	tgtcaagaac	aagctgtttc	cccaaaggta	gatgaccagt	gtggaaattc	540
cagtagcatc	ccctttctta	gtccaaactg	cccaaatcaa	gaaggtaatg	acatttcagc	600
tgctttggcc	acatgaagtt	ctgggtattct	tttgagctaa	tatggtattg	agtaaagtat	660
actttttgca	gtagatcatg	ccctgacctc	caataaaaaac	ctctttaaaa	caatgctgat	720
ttttgaattc	atgattagtt	ttagtaaatt	aataggtttg	gccattctaa	aatccaaaat	780
tatgataact	gtatttctag	gggtatgttt	caccttgatt	ttggcccggg	tctttcagtg	840
ttccgtttac	cctttttact	gaaagtaagt	gacttaaaag	gatggaagaa	aaactacatg	900
gttgagagtgt	ttttagatca	gataaatata	gaaaagtaaa	atggaaaatg	atactcaata	960
cctagttaaa	ctcatttcac	ttctcctggg	agacgtatta	agactggaag	tcctatttta	1020
tttaatcagt	atcagtaaaa	agacaaaaat	tacagtgtga	acaagagaaa	aacaggaata	1080
gaagaaaaaa	gttgcagggt	gaattatcta	tctggatatt	actagagttg	taaaacacaa	1140
cttggaact	ggaatttatg	tgaagaacca	aacaacttaa	accagcatca	cttttgctct	1200
caatttgctt	tccagtgatt	ttagttttaca	acctgcgttt	tgttatttga	aacacacaca	1260
cttatatata	aacacatgta	attttactat	tttattgtct	ttcctttaat	cgatgaattg	1320
attaaattta	gacaattaaa	acattttctaa	agtgagactg	aaaataatat	agaaaatctc	1380
attgctactt	gtgattatca	aaaaaagtat	gtattttctt	tctaaagtta	tctataaata	1440
tgtttttgat	atgtttggaca	tgaattaccc	tgcatgaag	cgtttaaatt	gttaaaatgc	1500
tgattttctt	attagtttgt	taattgcctg	ttactagtac	ttgaccaata	cattgtgcta	1560
tatgtaaagt	tgtaaataaa	tattgttaatt	ttctcacaaa	gtctgtgaat	atcacattat	1620
gatttattta	tcagaaattc	caaaaagtaa	aaataa			1656

<210> 7556

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (509)...(234)

<223> similar to gi4803699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<210> 7558
 <211> 1589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1590)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1268)...(129)
 <223> similar to gi4929643 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7558

tttttttttt	ttcaccagtg	aagcaggagt	tttattgagt	tcctccatgt	cacattaata	60
cattagcttc	aagacacagt	ttcaaagacc	ccgggtcctt	ctgacgtagt	gtgttgagg	120
cagctaggcc	agcttgaggc	actgtgtgtt	aaagctgtcc	ccctccttgc	cggcgacagc	180
ctccagcagg	gcctgtttct	tctgcatgct	ccgtgaggac	tccagctcgt	acatggtggt	240
caggttgaag	agcacgctct	cgtgcaggta	gtgcctgggg	tcctgctgga	ccatggcctc	300
cagctgccgc	agggagtctt	tgagcttgcc	caggtagagc	agacacacgg	cagcgttggt	360
ggtggccact	gcgtttcttg	gatccatcct	taagatctct	gtgaagaacc	tgtgggcttc	420
tgcaaagtta	ttctgcccga	ggtgaaggaa	cgcgctgttc	atcaaaacca	tgattttacc	480
ctgtagtcca	tctaatttct	gtgttacttt	ctcaacgtct	tgaaaatact	tttcagctgt	540
ttttatgtct	ccaatctgca	gggaaatccg	gccgatgccg	ctgagcagct	ggggctcttg	600
ctctgggtaa	tacttgataa	ccgaatgata	cgctccacg	gccagcacat	aatccttcat	660
caggagcaga	cagtttgcca	tggagtacat	caccgggcc	agacgtgacc	tccacagccg	720
gatagaggct	tgtctgccct	cctgagtcac	gctgctcatg	ccgcgctctt	ctgctaagcc	780
ttgctccaaa	ttggccagga	tcttgctgca	gacagtcttc	accttggtgca	gtctatccag	840
cgactcctgt	gggttcccca	ggtactgctg	aagctccgcg	tgcaagatgc	gcatcgagaa	900
ggggaccatg	gagccccctg	gcccagggtg	cacgtgcggg	tagtactcgt	aataaagatc	960
tggtgatca	agattttccga	agggttcaaa	ttccatctca	gcattctgga	aaaggcccaa	1020
cttcactagt	agtgccagcc	tgacaaacca	gagctgcagt	gaatctgtcg	tgtggctggt	1080
gagcagccc	ctcttgccgt	agccctggcc	gtgggctgtg	aggagacgtc	cgcacaggtc	1140
cactgctgcc	ctccagtttc	tgcagctgat	tagctgtttc	aatccaacaa	aagattgttc	1200
cactgagtcg	gcatttagga	cttgtctctt	tgtgacagct	ttttcaccca	gaaagcgaag	1260
catcaagtct	ttaactgcat	ctccctggat	gttgtcgaa	ctgaggcccc	gcatggtgag	1320
gttctccttg	tccacgaaca	cggcgccg	ctgctgggtg	gccacggccc	gcaggactcc	1380
acgcgtagcc	tcgcccggaa	gccaggcgct	gttctccgg	tccatctcgc	ccatgctcag	1440
ggcgggtggca	aaggggtcgt	cactccctgc	aaacactgcc	tggatgtgcg	cgaaaggatc	1500
tggaaacgcc	gggggcgag	ctgcctgggg	ccctcgcatg	gccacggggt	cggggcaccc	1560
ccgnngnncc	ncgncatggc	ntacgaact				1589

<210> 7559
 <211> 1994
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (51)...(1688)
 <223> similar to gi2274966 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7559

tttcgtggac	cgggtgcggt	ggtggctgcg	gcggcggcgg	cggtagcagc	atggattggg	60
gcaactgagct	gtgggatcag	ttcgagggtgc	tcgagcgcca	cacgcagtgg	gggctggacc	120
tggtggacag	atatgtaaag	ttcgtgaaag	aacgcaccga	agtggaacag	gcttacgcca	180
aacaactgcg	gagcctggtg	aaaaaatatc	tgcccaagag	acctgccaaag	gatgatcctg	240
agtccaaatt	cagccagcaa	cagtccttcg	tacagattct	ccaggaggtg	aatgactttg	300
caggccagcg	ggagctggtg	gctgagaacc	tcagtgtccg	tgtatgtctt	gagctgacca	360
agtactcaca	agagatgaaa	caggagagga	agatgcactt	ccaagaaggg	cggcggggccc	420
agcagcagct	ggaaaatggc	tttaaacagc	tggagaatag	taagcgtaaa	tttgagcggg	480
actgccggga	ggcagagaag	gcagcccaga	ctgctgaacg	gctagaccag	gatatcaacg	540
ccaccaaggc	tgatgtggag	aaggccaagc	agcaagccca	ccttcggagt	cacatggccg	600
aagaaagcaa	aaacgaatat	gcggctcaac	tgacgcgctt	caaccgagac	caagcccaact	660
tctatttttc	acagatgccc	cagatattcg	ataagctcca	agacatggat	gaacgcaggg	720
ccaccgcct	gggtgcccgg	tatgggtcc	tgctcgaggc	cgagctggag	gtggtgcca	780
taatagccaa	gtgcttgag	ggcatgaagg	tggtgcaaa	tgctgtggat	ccaagaacg	840
actcccacgt	ccttatagag	ctgcacaagt	cagggttttg	ccgcccgggc	gacgtggaat	900
tcgaggactt	cagccagccc	atgaaccgtg	caccctccga	cagcagtctg	ggcaccacct	960
cggatggacg	gcctgaactc	cgaggcccgg	gtcgcagccg	caccaagcgc	tggccttttg	1020
gcaagaagaa	caagacagtg	gtgaccgagg	attttagcca	cttgcccca	gagcagcagc	1080
gaaaacggct	tcaacagcag	ttggaagaac	gcagtcgtga	acttcagaag	gaggttgacc	1140
agagggaagc	cctaaagaaa	atgaaggatg	tctatgagaa	gacacctcag	atgggggacc	1200
ccgccagctt	ggagccccag	atcgtgaaa	ccctgagcaa	cattgaacgg	ctgaaattgg	1260
aagtgcagaa	gtatgaggcg	tggttggcag	aagctgaaag	tcgagtcctt	agcaaccggg	1320
gagacagcct	gagccggcac	gcccggcctc	ccgaccccc	cgctagcgcc	ccgccagaca	1380
gcagcagcaa	cagcgcacat	caggacacca	aggagagctc	tgaagagcct	ccctcagaag	1440
agagccagga	cacccccatt	tacacggagt	ttgatgagga	tttcgaggag	gaaccacat	1500
cccccatagg	tactgtgtg	gccatctacc	actttgaagg	gtccagcgag	ggcactatct	1560
ctatggccga	gggtgaagac	ctcagtcctt	tggagaaga	caaaggggac	ggctggaccc	1620
gggtcaggcg	gaaagagggg	ggcgagggct	acgtgcccac	ctcctacctc	cgagtcacgc	1680
tcaattgaac	cctgccagag	acgggaagag	gggggctgtc	ggctgctgct	tctggggccac	1740
ggggagcccc	aggacctatg	cactttatct	ctgaccccg	ggcttcggct	gagacctgtg	1800
taacctgtctg	ccccctccac	cccccaacca	gtcctacctg	tcacaccgga	cggacccgct	1860
gtgccttcta	ccatcggttc	accattgatg	tacatactca	tgttttacat	cttttctttc	1920
tgccgctcgg	ctccggccat	tttgttttat	acaaaaatgg	gaaaaaaaaa	aaagaatttt	1980
ttttaaaaaa	aaaa					1994

<210> 7560
 <211> 1491
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1480)...(163)

<223> similar to gi535185 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7560

gtttttcagc	tttatttcaa	atgctgtgta	gcataagaac	ctagccgtca	gacatcattt	60
tttagctatg	aaaaatatga	aacaaggcat	attctaaagt	gctgaaggaa	ttaattgccc	120
tattagataa	cgaatacctg	gaggaatgaa	cagagtgtat	tatggcttaa	agtgttggg	180
tctgatcatc	atcttagcct	ctttgaaggga	ggacttgtag	ccaccagggt	gtgcctcact	240
tacaccaggc	caggtacccc	agaaaatccc	attacggaca	cctctgtatt	tttggtgata	300
atatttgcca	tttaagtttg	cagaaagaca	tgcatacaac	caccagcctg	aactgtagta	360
cagcccacag	ttcccagaag	gatatcgatc	attgtcttta	tctggagtgg	tgaaaaactt	420
cagatcgtgg	ttgtaatgtt	tgttgaaacg	taatgcatct	ccagctgtgc	cattatagtt	480
accaacgtgt	aaacgatatt	tgagaaactc	attagccaca	taaaactgat	catacaaggc	540
atatagttcg	acaccattaa	agtcttcaag	atctattctc	agaatcattt	ccttactctt	600
ggtcagaaga	tgaattttat	cgttccccag	ccaaaattcc	cttctgaggt	ttccaaagcc	660
tgctttgtag	tcttgccatg	ttctggtgaa	gttgggtgctc	ccatcgagac	gtgcctgcag	720
cactgtccag	cctcccccca	tgggtctccat	gtcacagtaa	acttcaaagc	tactattttt	780
gggatcaggt	gtaactctgt	aggtctcact	gcttcttttg	cctattgcgt	agtagtcaga	840
gcaatcttta	tattattagat	gttgaactgg	acgtgactgt	atttgttctt	ggctgggaca	900
ctttgaacat	ttgccatcca	aactattgac	aacaaatgtt	agatttgcca	ctttgtctgc	960
aacataattt	tctatgttgt	tcatatttac	aagattcagc	ttctccaggc	gaccatgaag	1020
tacattgatc	tcctcttttg	cattcttttag	ctcagaggac	agcttggttaa	cctcactctc	1080
taattctcta	actctgttat	caccaacctc	tcccggggct	cctgtactgg	gtaacaacag	1140
tccgtttctg	ctcgggtctc	cgttgtcatc	agcctgcagc	ttgcagtcct	ggcaagattt	1200
ctttagacta	tttacgattt	ccttgagggt	ttggacttct	ttgaacacct	cctcgatcct	1260
gctgaattgc	ttcggggagct	gaatagtcaa	ggggggcagg	cttacctggg	agggggcactc	1320
ccctgcctct	tcgcatttcc	ctctgctttc	tagtctcact	gggcagacat	cctttgctct	1380
ttcatcttta	atttcctctg	tttcattgtt	tgccacaacc	aaaaaacctg	aagtggcaag	1440
aacagctgag	ctcagccagt	accagtttag	cagcttcac	tttacagtgc	t	1491

<210> 7561

<211> 1725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (43)...(823)

<223> similar to gil79789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7561

ggaagagaaa	gcaggagccg	tccagcacgg	aggaaggcga	ccatggccaa	ggagtggggc	60
tacgccagtc	acaacgggtc	tgaccactgg	catgaacttt	tcccaaattg	caagggggaa	120
aaccagtcgc	cgtttgagct	gcatactaaa	gacatcaggc	atgacccttc	tctgcagcca	180
tggctgtgt	cttatgatgg	tggctctgcc	aagaccatcc	tgaataatgg	gaagacctgc	240
cgagttgtat	ttgatgatac	ttatgatagg	tcaatgctga	gaggggggtc	tctccctgga	300

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ccctaccgac ttcgccagtt tcattcttcac tggggctctt cggatgatca tggctctgag 360
cacaccgtgg atggagtcaa gtatgcagcg gagcttcatt tggttcactg gaacccgaag 420
tataacactt ttaaagaagc cctgaagcag cgcgatggga tcgctgtgat tggcattttt 480
ctgaagatag gacatgagaa tggcgagttc cagattttcc ttgatgcatt ggacaagatt 540
aagacaaagg gcaaggaggc gcccttcaca aagtttgacc catcctgcct gttcccggca 600
tgccgggact actggacctt ccagggtcca ttcaccacgc cgccctgcga ggaatgcatt 660
gtgtggctgc tgctgaagga gcccatgacc gtgagctctg accagatggc caagctgcgg 720
agcctcctct ccagtgtctg gaacgagccc ccagtgcctc ttgtgagcaa ctggcgacct 780
ccacagccta tcaataacag ggtgtgtgaga gcttccttca aatgaggctg ctggatcttg 840
ccctcttcag gaaaggaaac ctaccattgg agagcttggg tccttgcctc cttctggtgc 900
tccttactcc aagtctatct catttttcca cactgagcaa tgaatgtgag agatgtgggc 960
accaagatct aagttaactt ttgaaagaaa gttactttcg acaagatcta atatgaaagc 1020
atagatttca catttgatct ctgtaataat catctttcct ataaaagtag catttttggt 1080
aaagtttcaa agaagaagaa acagagatgg aagagtaaag atatttttaa aatggctagc 1140
tattgggcac cagtttttct gttatctaaa atttcacaca acttcattgt tttattttt 1200
atattatgag ttgtccatct taaagaaata tgagtaattc tacatgtagt agaggtgtat 1260
gaagatcata taacaattaa acataagcca gaaattaaaa tgactataga cagcaagaat 1320
tgagctaata atatgtttta actcttaaca ccagcaagaa gtcagtcatt tattgaagtt 1380
ttagctacta agattacttg gttttgatta ccagtgaaaa gaaaacacaa tacaatcagg 1440
agttttcaaa tttttgattc agtatttgaa tttcttcttc ataaatgtag ttgaatttat 1500
cctagtattt ttctttacct gaagtagggc catttatatt taatttcact acatttttct 1560
ttgcatgatt attaaaataa aaactgcctc tgttgtgttt ctactggag gctggaatga 1620
atgatcacta gaacacaaaa gagtgaatga tgacacttga agtcaaagca gttgtactga 1680
tcaccagaac caataaagac ataaatggaa aacgtaaaaa aaaaa 1725

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<210> 7562

<211> 1032

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(521)

<223> similar to gill177435 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7562

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ctgtggggca gaggcgctgc tgtggttggt cagtccagta agaagccagc agggctggtg 60
ctggggcttc ttctcctgaa ggggctgcaa gagggaaggc ttagccatgt cgtccttgat 120
cagaagggtg atcagcaccg cgaaagcccc aggggccatt ggaccctaca gtcaagctgt 180
attagtcgac aggaccattt acatttcagg acagataggc atggaccctt caagtggaca 240
gcttgtgtca ggaggggtag cagaagaagc taaacaagct cttaaaaaca tgggtgaaat 300
tctgaaagct gcaggctgtg acttcactaa cgtggtgaaa acaactgttc ttctggctga 360
cataaatgac ttcaatactg tcaatgaaat ctacaaacag tatttcaaga gtaattttcc 420
tgctagagct gcttaccaag ttgctgcttt acccaaaggc agccgaattg aaattgaagc 480
agtagctatc caaggaccac tgacaacggc atcactataa gtggggcccag tgctgtgtag 540
tctggaattg ttaacatttt aattttttaca attgatgtaa catcttaatt aaccttttaa 600
ttttcacaat tgatgacagt gtgagtttga tgaaaatatc tgaagctatt atggaaatac 660
catgtaatag ggagagttga acatgaatat tagagaagga atccagttac ttttttaa 720
tacacctgtg tgcacctgta ttactgaata taggaaagag ataccatta catagttact 780

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cagtaaaca	aagagaaata	ccagggtagg	aaagaagagt	ttactatttc	ctgagaaata	840
atcaagaaca	tatttaattt	aaactaatga	tgtgaactat	ttagttttga	tgtccgttat	900
gtgattctgc	ttttacttga	gtaaaattaa	agtgtttaaa	tttgagatca	aggagaagat	960
atgtggaaca	aaatgttata	tagataatat	ttttctaata	gaaataaaat	aggcagattt	1020
ccaaaaaaaa	aa					1032

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<210> 7563
<211> 1503
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (171)...(714)
<223> similar to gi4680713 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

0040020460

<400> 7563						
gccggcttgc	tttcccctgc	ggtcgtccag	actattgggc	gctagcgaga	cgaactattg	60
gtacggggct	agagaggaag	gctttgggat	tgcgggggag	cagcgagcga	ccgacttccg	120
tttccagtta	ccaaggcacg	aggatccggt	gttccaaccc	agggggaaaa	atgcggcctt	180
tgactgaaga	ggagaccctg	gtcatgtttg	agaagatagc	gaaatacatt	ggggagaatc	240
ttcaactgct	ggtggaccgg	cccgatggca	cctactgttt	ccgtctgcac	aacgaccggg	300
tgtactatgt	gagtgagaag	attatgaagc	tggccgccaa	tatttccggg	gacaagctgg	360
tgtcgtctgg	gacctgcttt	ggaaaattca	ctaaaacca	caagtttcgg	ttgcacgtca	420
cagctctgga	ttaccttgca	ccttatgcc	agtataaagt	ttggataaag	cctggtgcag	480
agcagtcctt	cctgtatggg	aaccatgtgt	tgaaatctgg	tctgggtcga	atcactgaaa	540
atacttctca	gtaccagggc	gtggtggtgt	actccatggc	agacatccct	ttgggttttg	600
gggtggcagc	caaactctaca	caagactgca	gaaaagtaga	ccccatggcg	attgtggtat	660
ttcatcaagc	agacattggg	gaatatgtgc	ggcatgaaga	gacgttgact	taaaacgaag	720
ccattccaag	gacagacggc	tgtatggaaa	ggccgagcct	tgtttcctgt	gtttgtgtgg	780
actccaccat	catgttgaat	tttgtcaaca	ctctggcctc	ttcagggaact	tcttattttac	840
tgtactctct	atcactgaca	aatgcaggct	ggattcttat	tatatacaga	gatggctcaa	900
aaatgggggt	tcagatcttt	gtgacgaaat	agaatactgt	ttcatatttg	aatcagaggg	960
cttcttgttc	tgagaaatag	gttcaaaatc	attggaacca	ggaacaagaa	tagcttattg	1020
ttatctgtga	taacactggt	ttctaaacac	aaggattttc	ttttttatta	atatgcaaca	1080
tagacattgc	cataacagaa	taataaacca	catgtggggt	tttaaaaatg	aaatttggtc	1140
aataggagca	attcagctat	ttttctatac	agtaattggg	gtgtggtata	gaagaaaaac	1200
gggttcaaac	cccacttctg	ccacctacca	gctatatggc	cttgaatgag	tcattcagct	1260
ttaataaggt	tcatttttct	ctgttttaaa	agacacaaaa	cttgaaaatc	agctttggcc	1320
atctacctga	gaattagaaa	gtctgatttt	tgggaattaga	aatcatgatt	gtaggctggg	1380
cacagtggct	cgcgcctgta	atcccagcac	tttggggagg	caaggcggac	ggatcacttg	1440
aggttaggag	tttgagacca	gcctggccaa	catggtgaaa	ccccatctct	actaaaaaaaa	1500
aaa						1503

<210> 7564

<211> 1622
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (838)...(350)
 <223> similar to gi5453264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7564
 ttttttttga gtttaacaca gatttttattg ccctatagac agttatgatg tgaccagtgg 60
 atatcaatga aacttcttaa ttatttgagt ctgaaaatgc atattttaaaa cattaaaaga 120
 ttgactccac tttgtgccaa gctctgcggg taggcataatt tcatatctta aaaaggcttg 180
 taattcattc agggaggcaa aagcaaaatc tgtaattaga ggtagccat aatgttatga 240
 aaagtgccat gagaatagag agagagaata aaatcataaa gatataaata aacataatttg 300
 aactacaggt gatgtattgt cttaaattac ttctatatca taatcccga gggccttcaa 360
 tggaaaatcc taggtagaaa gacactcttt ctatgttcct accacttctg agtggacctg 420
 aataaacaga tattactggg atttttatatt ttctctctgt tccatattct acagagatta 480
 gcttgccctc agcctgacca gtagacgac gcaggagggtc tttgacttca ttttttttcc 540
 acacatcccc actgtgccag agggaatttg tattttgtgc tttatcaaag tactgctcta 600
 ttttggcctt gtgaacaata ctgttttagac ccttcctttt gccagatag aaaagtgtgc 660
 ttgacctgtt ggacctgcac atgcgcttgt actgtcccct gaaggatcta ttttaaggatg 720
 aaacataactt ttctattagt ttggaatcct gatctagctc ttgattttct ggccagaaca 780
 ggaggcaggc caagaaataa ggacctggat attgatgact tagtcctaca aattgcaaga 840
 cctctcggag ttgttttttt agcgtggtta gtggttgaat taacttggag ttgggcttta 900
 gacaactcag aataatgttg gccaaaatgg aattttgttt ctcatattgtc atgggctttt 960
 ttgagttttg ctgcagtagg aaggcatatt cattcactat actttccatg gtggtagcat 1020
 ctttgtagtt tggattaaga tattccaaga gtccagcaaa cctatctgct ctgagagctt 1080
 ctagcttttt cctgcaattc tctctctgga gtaattgact ctctttactt tgtaatagac 1140
 atggatccaa atgacagaaa agttctgtgt atttcttgaa acaacgactg actttcttgc 1200
 ttaacatgat ttctgcaatt tctttttggg tataacctcat tttcagaaga accatataat 1260
 caataaaaaa gtcaaagcac cttttcagat ctgattgtaa attttttagg tgggatgtga 1320
 acttgctaag agccaaataa cattcatttc tgggatcagg aggaatgggtc cactttcctg 1380
 ataaaaattg caccatatgt tttttggata attcattttc tttgtggaaa aaggaggatga 1440
 gctgaagaat ctggatagtg taaagaccaa cttctatttc acccaagaaa caagctgtgt 1500
 tatacatgtc atatcgtctc tgggacttct gtggtgacca gttctcggtt tcatagtttt 1560
 tactatcagt ttgccttttg gattctttga aagctcttga ggctttttcc gcagcttcta 1620
 gg 1622

<210> 7565
 <211> 819
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (729)...(489)
 <223> similar to gi29977 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7565
tttttttttt ttataaaaaac ttctctcttta atcaaggctt ttaaacaatga acagatttct 60
tgaaataaaaa tggaaaagttt ccagtacact gaaacataaa tcccgcgaagt caccacacat 120
acaacaccccg gcaggaaaaaa acaaaaaacag caagtttaca tgatccctgt aacagccatg 180
gtctcaaaact cagatgcttc ctccatctgc caagtgtgtt ctggatacag agcacatcgt 240
ggcttctggg gtcacactca gcttagcgct gtgcggtcca cagagcactc atctggctgg 300
gctatgggtg gtggtggctc tacttaagaa gcaaagcagt taccagcaca ttcaaacagt 360
gtattgaaca tcttttaaat atcaaagtga gaaacaagaa ggcaacataa taatgttatc 420
agaaaagatgt taggaagtaa ggacagctgt gtaaagcttg aggctgaaaa gtagcttgcc 480
agcttcattt ctttggtttc ttgggtagtg ggcgcgggaa cagcaagatg tgaggttctg 540
gttcatggat catataatgg acccatccct gactctgctg aacgccaaga ttctccatt 600
cagattcaga catcagatgg gttttaggga ccagcttggc tatgtccttg ggcagcatga 660
catgtcgata ctcaaaactcc tcgtcgtcgt atttgtccga atagtaaatt tgtttgtgcg 720
acatgatcgc tcggtttgct agccttcagc cccgcgccgc caacctcaa gcaactccct 780
atagcacccc ctctaccccc tctagagcca aaaaaaaaaa 819

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<210> 7566
<211> 1460
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1177)...(59)
<223> similar to gi4239682 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7566
tttttttttt ttgttccttc tgtttatttc attttggatg ctcaagtgaat gttaattaac 60
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gtattctggg cttaaaaaca tctctttctt ctacaaactt ctgaaagaga tgaacacctc 180
cacctacacc aaaataatgt gctttgctgg ccaaaagtac acgtccattt ttacttaaca 240
gtctaaggaa agtctggtgc aaattactat aataatctgg gttgtaaag gtttctgagg 300
tgagaatgag atcatatttt acaaaaagtt tttcactact tagtacaagc ttacaaaact 360
cagaccactc accagaaaaa aatcggcatt tatatagttg tgttactttt ggtttcctgc 420
atctttttcac atctggctca ttacatcat tttcttcac ttccaaagtg gagttagcta 480
ctacattagg taaggttact tcatcaatca ccatactgtt ataactttga aagtgaattt 540
ctttggaccc tcccttgaat gcagttatac ctagtaaacc tgatccaca ccaagatcca 600
agactttttt cccagcaaat ttcactttgg cctttgtgaa ataagccagg aggtcaaagg 660
tacattccca gatttttaag cctccctcat aaacacctgt aatcagatca gagtgagaag 720
aaaagctttt tgaaactatg ttttctccag ggaagttctc tttcaacaag atgggttttca 780
ctactgataa cttaacatgc tggaaacctg gtaatgtttc tatgacttta ttttctaaca 840
tcttctttta atcttttagg atagcatgct ctttggcagc tctcaaggag ggctgttttc 900
catgtggctc caagttcctt gaactgctgg ctgcactgag tggactgtct gtgtcttgag 960
agggagctgc attttccatt gacttatgtt cccacaagtg atcctgaggc aagtcaaatt 1020
gttctgcaga acattttctg tccctctctt ctcctttttg actttctgag actgacagct 1080

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tgccaactca	gaatacatca	ttcttaggct	gaaatttgct	tttccatttt	ttaagggtgaa	1860
atagtactac	cttacgtgat	agcatacaaa	gaagaaagct	ctagaaagag	aaattatgga	1920
gaatgattat	ttaaattaca	attaaggaaa	tgagaatatg	atccccctctt	ccgagttgcc	1980
cacaaaacttg	cttcttttgct	tttgctccct	gtaatagaac	tactttttcaa	caaatacta	2040
tttgcacggc	accgttaacc	atattttcac	tacagcaaac	ttagtgctat	gggttttctt	2100
tttctttgtt	tttttcttga	tcacttgat	aggaaacaat	attttccagt	gttatttgca	2160
tatatatttt	gtccttccaa	tatatgcatt	acagatgaaa	attaaatgtt	atacctgaat	2220
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aaaacaaagg	cttttattta	tggaacatgg	catgtggaat	ctgggatatt	gcctcttatt	2340
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aggagtcttc	aagttccatg	ttcccagat	ttgagatata	ctaaagaaag	aaattcaaaa	2460
gtagctattt	ggggccca	aaaataacta	ttatttttagc	cttagagcct	tacacttggt	2520
tcatgaagag	aaaggacttg	cataaccaaa	ataaacaaag	caagacaaat	taaaaatatg	2580
tgggggagag	atcagtga	agtgttttc	ttaatgcagc	cctgctggtc	cccatataca	2640
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tttaagggtt	aactggtttt	gcttttggtt	atctatatgt	caaaatactt	gtaaattggg	2760
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aagggtttca	ctgctttttc	ttttacataa	tatgctgaga	attatttctt	atgcttttta	2880
ctacaaacaa	aattactcac	ctggattaaa	gattaaggcc	ttaatctgtt	tagattatct	2940
ttaatctcca	tgaaatcgtg	aaataagaca	agaatagtgt	ttcagctgta	ggccatttta	3000
cagctaattg	cccataaatt	gtagcattta	ttgacctgaa	gtactaagct	aattgtcttg	3060
actactcaaa	gcccctgaat	tggtgtcaac	tttccccttt	gtgttgggta	gccctaacgt	3120
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tcatcttgct	taataaatat	ctgctggatt	ctttcattca	cttttttaca	tttggattta	3360
tgtttttacc	caaaggggtg	ttcccctaaa	aaaaaaaaga	aaaaaaa		3407

<210> 7568

<211> 2571

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(657)

<223> similar to gi3213202 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7568

agacgcagct	cctcaggcgc	ccggcgggtat	ttgttgggtc	ggcggcgctca	gggattcgca	60
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ctcctgtccc	ccggtctgtc	cggggtctgg	gcgcgcgctc	gacggcggct	ccgcaggacg	180
cgcagaccgg	gccgcagccc	atgccccgag	cggactgcat	tatgaggcac	ctgccttact	240
tctgccgggg	tcaagtgggtg	cggggcttcg	gccgcggctc	caagcagctg	ggcatcccca	300
cagctaattt	tcctgagcaa	gtggtagata	atcttccagc	tgatatatcc	actgggtattt	360
actatggttg	ggccagtgtt	ggaagtggag	atgtccataa	gatggtgggtg	agcataggat	420
ggaaccata	ttacaagaat	acgaagaagt	ctatggaaac	acatatcatg	cataccttca	480
aagaggactt	ctatggggaa	atcctcaatg	tcgccattgt	tggtacctg	agaccagaaa	540
agaactttga	ttcttttagag	tcacttattt	cagcaattca	aggtgatatt	gaagaagcta	600

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agaaacgact agagttacca gaacatttga aaatcaaaga agacaatttc ttccaggttt 660
ctaaaagcaa aataatgaat ggccactgat gaaaaattgt attattttatt cattcactgt 720
tttctagtgt ttctgtgttt attactgttc agcatcatct tggttatata ctgaaaatca 780
aacactttac tacagtgtgt aattagttta aaccgtacaa tgttgttatc atatcatgct 840
tcaactatta aattaagccc atcatatcat agcactaaaa agattgagtt aaaaataaga 900
tttaaaaaat atatattgat taaaatgtac cactagaaag gtattacatg tgtataagta 960
tgggtaaaaa ggcaagtcac tagtttgaga tgaaaactaa aattttcatg gtaaaatgcc 1020
agcatgtatg tacttggtga gtgtgtactt ctaaacagag aaggcttata aaagtaaagt 1080
cattaaggcc aagtgcagtg gctcacaccg gtaatcccag cactttggga ggccgaggtg 1140
ggaggattgc ttgagctcat gagttcaaga ccagtcctgg caacatagcg agactccatc 1200
tctataaata aaaaaaaagg aaatgcatta aatagaaggt tgatagttta tcataaacct 1260
gcggggaaga aactcagact ttctattttt gatattttgt gcattaatac attacaaaca 1320
tgaagatgtt tgtaaagtgt tgttttagtc attttctttg cagtcacatc attgtaccac 1380
cttcattatt gtatagagct gcttcaattc tgagtcctct ggacttcccc tgcctatctg 1440
tttgttggtt ttgttgaaga cagtaaaata agtgttttca aatctatatg tctccttttt 1500
gttgataat gtttcttctt tttaatggta aatattcttg ttcttcaaca tttttctttg 1560
gttctttttt ctttttttag gaaaaacaaa acaacagact tcatccttag gttttctcaa 1620
gatttaagtg aacacattta cacatatcaa tttcttaaag aacacaaaat gtttctctcc 1680
tagcaaaact atttaagagc caattaaact atgaaatagt tataaaatta tttttaatat 1740
ttaaggccctt gaaattatat tccaaggcaa atctaaatgg gtgtagtgtg atatgcacga 1800
tgtaatttaa tgctaaagag tacttacagc ttgagggaaa agcataaagt tttagttaaa 1860
tagccttcac actgtggatt tttcctccta ctaactaata tgtgggaaat taagattaca 1920
gatgcttttg gccccctcaa acagtacatt gctacagttc actgtagcaa cagatttggt 1980
ggtgatgggg ggatagaggt agaagcagat agaaggtaat tttaaagtta atttattatg 2040
aatcattttc ccctaactctg cataaatgaa ttagaactga ttttaataaa aatattctgt 2100
gtaaaaagta ctcagaaaaa catctaaagc tgttgagaa gagggactca tataaatagt 2160
tggattgcgt tttgcttttt atttctttat aaaaatatgt caaaaacagt ttttaatttt 2220
agaaatctta tacttgaaag aaacctcaat tatcagtggc tttatgaagt aaagttaaaa 2280
acaaacatag gaaatgtgaa aatattttgt tttgttttgt ctgactaact tgctgctaaa 2340
tgctatcttt aggtgtgtga aagttctttg atatgttatt gtccttttac atcttgtaa 2400
atagccattg cttttgagaa tcagatagtg tgttgtttag gggttaattg tgtctatatc 2460
tttcaaaaac ttttatatta tgtattataa gaagttacag tagtaccatt ttgattagtc 2520
tgaatgtttt caggccttga aataaatttt gactaagtga taaaaaaaaa a 2571

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<210> 7569

<211> 1872

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(1350)

<223> similar to gi688292 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7569

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ccaggaccca gcagtgcctt ctgtccactg ctctgggcca ttccccaatc cccctccca 60
cttgagcccc taactcagaa tctgggaccc aggggcccct ccctacccca gctaacctct 120
tctggaccag gagagccaac ccagatccca ctacctccat gagtgctaca gacaggatgg 180
ggcccaaagc tgtgccgggt ctgcggctgg cactgctgtt gctgctgggg ctagggacac 240

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ccaagtcagg ggtacagggg caggaagggc tggacttccc tgagtacgat ggtgtggacc 300
gtgtgatcaa tgtcaatgca aagaactaca agaatgtgtt caagaagtat gaggtgctgg 360
cactcctcta ccatgaaccc cccgaggatg acaaggcctc acaaagacaa tttgagatgg 420
aggagctgat cctggagtta gcagcccaag tcctagaaga caaggggtgtt ggcttcgggc 480
tggtagactc tgagaaggat gcagctgtgg ccaagaaact aggcctaact gaagtggaca 540
gcatgtatgt attcaaggga gatgaagtca ttgagtacga tggcgagttt tctgctgaca 600
ccatcgtgga gtttctgctt gatgtcctag aggaccctgt ggaattgatt gaaggtgaac 660
gagagctgca ggcgtttgag aatattgagg atgagatcaa actcattggc tacttcaaga 720
gcaaagactc agagcattac aaagccttcg aggatgcagc tgaggagttt catccctaca 780
tccccttctt cgccaccttc gacagcaagg gggcaaagaa gctgaccctg aagctgaatg 840
agattgattt ctacgaggcc ttcattggaag agcctgtgac catcccagac aagcccaata 900
gcgaagagga gattgtcaac ttcgtggagg agcacaggag atcaaccctg aggaaactga 960
agccggagag tatgtatgag acctgggagg atgatatgga tggaatccac attgtggcct 1020
tcgcagagga agctgatcct gatggtttcg agttcttaga gactctcaag gctgtggccc 1080
aagataacac tgaaaaccca gatcttagca tcatctggat tgaccctgat gacttcccc 1140
tgctgggtccc atactgggag aagacgtttg acatcgactt gtcagcccca caaataggag 1200
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gtcttttcat gctctctcct gccttccctt gtccttccct gagttcctcc agggagacta 1440
ggttattctc tgccatagag ctaactgggg tctatatgct ggggtgctgag acactgatcc 1500
ccctcatttg atgagcaa at gagctacttt tccctagaca ccaggccag ctcttctctt 1560
atctgacttc tgtttcttat ccccataact tacgttgtat ctattatgtg tctcttccat 1620
cactctccat actctttctt gtgattctcc tctagccata tatatgggcc cctatctctg 1680
ttctgttccc tccatctatg cacagctttc cccactctc tctaatacctg tatctttctg 1740
actgtcctgt ccttggccag aaggaaggga gaataactgtg tttgggactg tatctcagca 1800
atcacttggt aatgtatttg ggtcaaatga gaggcctcaa taaagacatc tggggcagca 1860
tgaaaaaa aa 1872

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<210> 7570

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (114)...(833)

<223> similar to gi4539600 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7570

```

ctggcccttt cctttccgcg tgtagaatgt ggggcgcctg taaagttaag gttcacgatt 60
ccttggccac catctccatc actctgagac ggtacctgag attgggggcg accatggcaa 120
aaagcaagtt cgagtacgtg agggacttcg aggctgacga cacctgcctg gcacactgct 180
gggtggtagt gcggctggac ggccggaatt tccatcggtt tgctgagaag cacaactttg 240
caaaacccaa tgacagccgt gctctccagc tgatgaccaa atgtgcgcag actgtgatgg 300
aagaactaga ggatattgtg atcgcgtatg gacagagtga tgagtacagc tttgtgttca 360
agcggaaaac caattggttt aaaagaagag ccagtaagtt catgactcac gtggcctccc 420
agtttgccct cagctatgtg ttttattggc gggattactt tgaggaccag ccccttctgt 480
atccccccag ctttgacgga agagtcgtgg tgtatcccag caaccagact ttaaaggact 540

```

acctcagctg	gcgacaagca	gattgtcaca	tcaataatct	ttataatata	gttttctggg	600
cacttataca	acaatctgga	ctaacaccag	tacaagccca	agggagatta	caggggaactc	660
ttgcagcaga	caagaatgag	attttgtttt	ctgaattcaa	catcaactat	aataatgagc	720
cgccgatgta	taggaaaggg	actgtgttga	tatggcagaa	ggtggatgaa	gtgatgacaa	780
aagaaattaa	gctgccaaaca	gaaatggaag	gaaaaaagat	ggcagtgacc	cggaccagga	840
caaagccatg	caagccctcc	cacctcccaa	gggctccttg	ccttaggtgg	ctgtagcatc	900
cctaccaccc	aggacactgg	tgcgaatgac	acaactcaag	ttggggagggg	gaacaggggaa	960
ggaagggatg	gatgggggtg	gtgtatctta	ctctgtttta	gcagaacacc	ttgtttgcgg	1020
tgttggaaca	tggttccttt	ggcagaagtg	cttttttttt	aatcgcagta	ctattttttat	1080
aaagcaagaa	ctattccatg	cca				1103

<210> 7571

<211> 1258

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1067)...(964)

<223> similar to gi2108256 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7571

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cggcgcgag	gtgttcgtac	ccggagcctc	tgcgtggaag	agcgcgttcg	tcgcgaccct	120
gccgctgctg	ttggtcctcg	cggcgctggc	gctgggcgtc	ctccggaagc	agcggagaag	180
ccgagaaaag	ctgaggaagc	aggcggagaa	gagacaaggt	gagcggggac	agggcgttct	240
gcacgcacct	gccccagtgc	caaaaaccgc	cgatcatctaa	aggctgtggg	tcccgttacg	300
agggtttatt	ccagcgcgag	gtgtcagggc	ggccaccggg	gaacggggat	cggtgacccc	360
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ggagtgccgc	atcggagggtg	aggcctcagt	gttcacccat	ctgttctgtc	tgccctattc	900
cccaacctga	gagtctttcc	ccttttcttc	atcttttttt	tttttttgcc	caaaaaaac	960
cccccgaaa	aggggggaaa	ttttgggggg	ggggcccaa	gggttgcttg	taagggaccc	1020
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taaacctcc	ctggggggccc	ccccctttc	cctttgttaag	ggggtaaaag	ggaggggttg	1140
ttccccccgg	caatttccca	aaaacctttg	gaaaaaacct	ggcaagctct	cccctggaaa	1200
ataaaacatt	ccagtaaaaa	ttcttaaaaa	acggttaatg	ggttccgggt	tatttttt	1258

<210> 7572

<211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (443)...(321)
 <223> similar to gi4099277 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7572

agcagcaagg	agtacatttc	ccaacacagg	aaatgccggt	ggctgttggc	tctggcccca	60
gcctcttctc	tgctcccggg	ttttttcttg	gattcctgga	atccttgggg	gtcagagact	120
cattcagaga	gcaagactct	ggtctctgcc	ctgcttcagc	acccaaatct	ttagggagct	180
ggctggtggg	ctgccaggca	gttaggccta	tggagagctg	ctgtcagtct	ctctaggagg	240
ccatggtttc	ctgcatgtgg	gggagagccc	catccccag	actctggagt	gagtttaatt	300
tccaaggca	agtctgcctg	attgtcctct	cctttcctta	ccttcagcac	caagaagttt	360
ccggtcccgg	tacagatcag	tgaggaagag	gctattgaca	agtgtggatt	tgcccaggcc	420
aaactctcct	gagaggagag	aggacagagg	caccaaata	gaagggaccc	ttctctgggc	480
tgtctgatag	tctgcagaga	cacagctgct	tccgtgctct	aggagagagg	gactccttgg	540
agatctgata	tcactagtag	tcgtaattct	ttggatgggc	tcagtttgta	ctgcttcata	600
ctttgggtaa	gacaaaatcc	tacggggaac	tctgactcct	tgggggttct	ggaccttggg	660
tgggtgggtca	tcttctaaga	tttgtgattg	taagttattc	ttctgggtct	gaaaactcaa	720
ctgatgagta	gatttggcat	ctgggattga	tgaagcatga	tggcccagacc	tcggcgncct	780
gactttgctc	t					791

<210> 7573
 <211> 1770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (273)...(774)
 <223> similar to gi4929717 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7573

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aagaagggac	cgctctcttc	cttgtcttgg	ccacccaaat	cctggtatcg	aaagggttga	180
acggaccgga	agtgtgcagc	agcgacgggt	ccccagctaa	tcgacgccgg	aagtagcaat	240

tactagacaa	gcattccgcc	gccggcttcg	ctatggcggc	aattccccca	gattcctggc	300
agccacccaa	cgtttacttg	gagaccagca	tgggaatcat	tgtgctggag	ctgtactgga	360
agcatgctcc	aaagacctgt	aagaactttg	ctgagttggc	tcgtcgaggt	tactacaatg	420
gcacaaaatt	ccacagaatt	atcaaagact	tcatgatcca	aggaggtgac	ccaacaggga	480
cagggtcgagg	tgggtgcatct	atctatggca	aacaatttga	agatgaactt	catccagact	540
tgaaattcac	gggggctgga	attctcgcaa	tggccaatgc	ggggccagat	accaatggca	600
gccagttctt	tgtgaccctc	gccccacccc	agtggcttga	cggcaaacac	accatttttg	660
gccgagtgtg	tcagggcata	ggaatggtga	atcgcggtgg	aatggtagaa	acaaactccc	720
aggaccgccc	tgtggacgac	gtgaagatca	ttaaggcata	cccttctggg	tagacttgct	780
accctcttga	gcagctcttc	tgagatggcc	ccagtgaacc	agcttctaga	tgacatagaa	840
tgacatgtaa	tgctaaattc	attttggctt	tgcaagtcac	gaagcttagg	aggcctggca	900
tcttggtgga	gttagagatg	gaagtacatt	ttaataggat	gcttcttttc	tcttccccca	960
gtgcctagggt	tgccagagca	tttgcacaaa	tgccccgttt	tatcaatagg	tgactactta	1020
ctacacatga	accataatgc	tgttcttctg	gcatgtctgc	tctgatatac	gtcgaacaat	1080
gtagcagcca	ctgtcatctt	tcagtgggtt	tgccaaacca	aacttcttcc	taaggagatt	1140
tatattctgg	cctacacagc	agtccttgat	ggctgacagc	cacagaattc	caaaccaagt	1200
agtgtctgtc	agccctctta	actctgtgca	cgcctatctt	cagtctttta	catttgttct	1260
tctaggggat	gtatgcatct	ctatatatat	tttccctctc	aaaaccagaa	catcaacagt	1320
gctgtttctg	acacttcaga	catcccacgc	aaagccacat	tgaatttttg	ccaaatgaaa	1380
aacacatcca	acaatcaagg	tttctaagaa	ggtgtcaagt	ggggaataat	aataatgtat	1440
aataatcaag	aaattagttt	attaaaagga	agcagaagca	ttgaccattt	tttcccagag	1500
aagaggagaa	atctgtagtg	agcaaaggac	agaccatgaa	tcctccttga	gaagtagtac	1560
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ccaagatttt	tatatgttca	gttggttatg	tataaaaata	actttctgga	ttttgtgggg	1680
aggagcagga	gaggaaggaa	gttaatacct	atgtaataca	tagaaacttc	cacaataaaa	1740
tgccattgat	ggttgaaatt	aaaaaaaaaa				1770

<210> 7574
 <211> 2061
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (66)...(1254)
 <223> similar to gi2558891 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7574	
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acagtcacat	tgctcctaag
cagctacagt	gtttagtcac
tggattatag	aagttatgag
tcccacctag	tactcctcgg
tttatatgac	agggcatggg
ccaacataga	actcgcggat
ccggaataacc	gggcgaccca
gggctgcgac	tgtcttggca
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atcccgatct	tggtttaatt
caagaggcta	ggtattcctg
taatcctaga	aatcccaaac
gtatggagat	gatgtggaag
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tcaagattct	gaagaaatta
gaaaagacgc	tacaatgagc

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<210> 7575

<211> 3446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (456)...(1808)

<223> similar to gi3881497 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7575

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<210> 7576
 <211> 2142
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (233)...(572)
 <223> similar to gi5851944 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7576

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ctcttcttct tctctctect ctccacctc ctccctcgcc tcccgtgccc tcccggccca     180
ggaccgcgcc atggagaagg ccctgagcat gttttccgat gactttggca gcttcatgcg     240
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```

<210> 7577
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (44)...(646)

<223> similar to gi599691 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7577

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aagcagcacc	cagcctgccc	tgccaaaggc	cagagccgtg	gctcccaaac	ccagcagccg	180
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ccagatgccg	gagccgcgct	acgtggtctc	catggggagc	tgcgccaacg	gaggaggcta	480
ctaccactat	tcctactcgg	tggtaggggg	ctgcgaccgc	atcgtgcccg	tggacatcta	540
catcccaggc	tgcccaccta	cggccgaggc	cctgctctac	ggcatcctgc	agctgcagag	600
gaagatcaag	cgggagcgga	ggctgcagat	ctggtaccgc	aggtagcgcc	gccgccgccg	660
ccgccggagc	ctgtcgccgt	cctgtcccca	gcctgcttgt	gtcccgtgag	gttgtcaata	720
aacctgccct	cgggctgccg	caaaaaaaaa	aa			752

<210> 7578

<211> 1241

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(641)

<223> similar to gi3877252 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7578

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gcgattggga	cagtcgccag	ggatggctga	gcgtgaagat	gcagcgggtg	tccgggctgc	180
tctcctggac	gctgagcaga	gtcctgtggc	tctcggcct	ctctgagccg	ggagctgccc	240
ggcagccccg	gatcatggaa	gagaaagcgc	tagaggttta	tgatttgatt	agaactatcc	300
gggaccacga	aaagcccaat	actttagaag	aactggaagt	ggtctcggaa	agttgtgtgg	360
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tacgggaaat	tgtggaacag	tgtgtccttg	aacctgactg	atagctgttt	taagagccac	660
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<210> 7579

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (134)...(985)

<223> similar to gi3378447 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7579

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tatgaacaat	ataaagccat	tggaaggggt	aaaaattctg	gatctaaca	gagtcctggc	180
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ccctggcaaa	ctgtctgcaa	tgggcctggg	atatgaagat	atagacgaga	ttgctcctca	480
catcatctat	tgttccatca	cagggtatgg	tcagacaggt	ccaatttctc	agcgagctgg	540
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tacagctcat	ggcagtatcg	ttccttaacca	ggcttttaaa	accaaggatg	gctatattgt	720
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cgttttgttc	cctaccatct	tttttttcag	atgatgattt	cattatggat	ttgtgggatt	1440
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<210> 7580

<211> 2303

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2304)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (107)...(865)

<223> similar to gi3881134 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7580

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<210> 7581
 <211> 741
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (429)...(600)
 <223> similar to gi4895081 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 tcctttccct cttcccagc cccttccct catgttacac ctcttgctgg ttgagacgt 540
 caatcaccac tgagaaagaa ttaaacaggt attttgagct ggcaaaattc ttagcctagt 600
 acaattcctt caattaaact gtagctcaac aatgtgttct ctaaaagtat gatttaatat 660
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 tgtgttagga gaaagtagaa g 741

<210> 7582
 <211> 2459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2460)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (11)...(919)
 <223> similar to gil039318 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7582

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catagatgcc	gtgatgggtgc	tgggaaattc	gcattttattc	atgaatcggt	ccaacaaaact	180
tgctgtgata	gcaagtcaca	ttcaagaaaag	ccgattctta	tatcctggaa	agaatggcag	240
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<210> 7583

<211> 4540

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (4188)...(2606)

<223> similar to gi598958 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7583

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gaaaaatata	agactgtttt	tccacaatat	ttaatttata	cactactgta	actatatgca	360
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<210> 7584

<211> 2332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2001)...(305)

<223> similar to gi5853113 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7584

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<210> 7585

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (306)...(586)

<223> similar to gi32036 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7585

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<210> 7586
 <211> 1591
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (199)...(1472)
 <223> similar to gi4098124 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7586						
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ccaaaacatc	gagattacaa	atctgctgtc	attcctgaaa	agaaagacac	agtaaagaaa	480
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<210> 7587
 <211> 2506

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (550)...(147)
 <223> similar to gi5002587 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7587

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<210> 7588
 <211> 2061
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (414)...(1620)
 <223> similar to gil552328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7588

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<210> 7589
 <211> 4874
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (317)...(3484)
 <223> similar to gi4589654 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7589

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tttgtgaaca	ttcaaagcct	gctaattggca	agaagatgga	atagattatg	agacaattca	4860
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<210> 7590

<211> 1848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (590)...(299)

<223> similar to gil825591 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	7590					
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cacatacagg	cctaccacaa	acacaaaacc	cacctgcaa	ggtttcacgg	aacgtggagc	180
tctcctggcc	tcccgtcct	cctcccagcc	tgtttgttgt	gcctctgtag	agagcgcttc	240
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ctaccctcgc	ccagcaagct	gcgccccaat	tctattctgc	ctctggaaac	tgctggacca	360
tccaaggtca	gctgcctgcc	ctgaccccta	ccccagggcc	agcttgctct	cctgggaggc	420
gggacaggcc	ccagtgaagt	tccgttggtg	gctgtgccta	tctctcgatt	ccagggcaga	480
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ccctcagtca	ggtggtgcta	gtagagctat	ctctgacgct	gcaggcccca	ggtagatggg	660
cagggccctc	cgtgggtgtg	cagcggcggt	tccctcatca	gtccagccac	tgcccaggac	720
taagggtctt	caaggaagat	gaggccaattg	cccttctcca	ggtggcttca	ccacagtgtc	780
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gaccagaagg	ctactcagcc	ttgtgccac	atgaagggga	tttgtagggt	caagcctggc	1080
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tcttgtccct	cgtcgttaaa	aaacagcacc	ctatcctgct	tccccacatt	tctgttcctc	1320
caatgaaggg	ctaagactat	ttagtaatct	ctttcttaag	cagaggagtg	gcaaggatgg	1380
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cctggactag	gcaatgaata	agcaacaatg	tatcttttct	gtgttcaaaa	taaatacata	1800
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<210> 7591

<211> 2737

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (20) \dots (2166)$$

```
<223> similar to gi4530435 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 7591

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ggctctccca	ccgctggccg	acgcagccag	catgtccggg	gtgcgcgcag	tgcggatcag	240
catcgaatcg	gcctgcgaga	agcaggtcca	tgaggtgggc	ctggatggca	ccgagacgta	300
cctgcccccg	ctgtccatgt	cgcagaatct	ggcgcgtctg	gcccagcgga	tagacttcag	360
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tgttctctat	gatgttctca	gtattgttag	ggataaaaaa	tttatgactc	ttgatcctgt	600
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aagtgcagga	tctctctttc	ctcatcatgg	tacatttgaa	gtaataaaga	atacagatct	900
cgatctggat	aaaaagatac	ctgaagatta	ctgtcctctt	gatgtccaaa	ttcctagtga	960
tttagagggg	tctgcatata	tcaaggtttc	aatacaaaaa	caggctccag	atataggtga	1020
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aataattaaa	caagcaaagc	atatttttct	aaggagtaga	gctgctgcaa	ccattgacag	1560
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cccagtcctg	agtgcagtgg	tgtgatcatg	gttactgca	gtcttgacct	cccaggctta	2640
ggtgatcctt	ctgtctcagc	cttccgagta	gctgggacca	caggcatgca	caaccacggc	2700
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<210> 7592
 <211> 639
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (81)...(495)


```

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ctgcaaacct ccaaaaatta cttcaaaatg gctaattaac aacctgacca ttgttaaaat 1860
aatgtcaatc cgagggtccag gtggactgaa gcccaagata gccaccagaa caaaacacac 1920
agacatcata ctcagcccat ttcttgcatt ccttccttat caagtcttcc cttttaaaaa 1980
ccctaaaaat tgctttcccc tctaaaaatt gaagcagtta ctttaaatag caatctggct 2040
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```

```

<210> 7595
<211> 1335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1198)...(520)
<223> similar to gi452658 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7595
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aatcacattt acagatgagg gaaaacttct aggcctaaac aggtaacagt aaagcgacta 120
ctgctggaag gagtgggtgt ccacatgcgc cttaagcctc aagagtgggg actgcagggc 180
caaacaccaa atacatcacc tttaggccag acggagagtg gagaccagag aagcccatgc 240
aaccaccatc tgccccctcc cctagtgtct cagaaccggc tggacactgt cacactttca 300
gaagaactgg aggtgggtcc tgatcatatt acatgaagct ttccaccatt gtgaacaatt 360
aggcaaggca tgagtgcagc aggggcatcg ctgataaata cagagcaata ctggggcagt 420
gaagaggaag ctacagagac attcgtgttt cttcaaatat cagaagcttc cacatcacag 480
caggagagct gacgacgagc tccacctcct gaaggcttag tccaaaaact tctgtttggc 540
atttgcacca aacaaggctc cccggacttc tggcatcatc tgctgggcta tgagatccag 600
ccggctttcc aggtgtgttg aaacctttat tttagcatct ccattataga tctcaactcc 660
accagctatg tcttcaggca ggtaggactc ctggtcaatt tggacatcaa catcgttttt 720
ggtggcaatt ttgtacatag gaattgcctt ctgcaactga gcctttacca gagggaaatc 780
ttgtttcctg caacgaacaa tcattcgggg ctccagcaac tgggtacaaac cctgggagac 840
cagtcocatc agcagcactt ggtacctggt tgtatctttt accaccttgc tgagtctctg 900
ttttgcttca tttagtaggt ctgtgataag gtcctctctt gctctgagga ctttgagtct 960
cgcttgattc atcaaattgg acatctgaat tttcttctgc tgctcaatct gtttctcttt 1020
cttctcataa tattccataa tctttagtct ttgggtttgc acaagccgac ctttctctat 1080
gttgaactct tcttctgcct ttgcatctat ttcttctgct ttctcattgg cttcttggtc 1140
aatgaaagcc atcatatgct ttatctgctt ttgcaagtca gcatcgctga gagccatggc 1200
gagagcaatg ctaggccggt gaacagtagg ctcgagttta ggtttgaaag gtgaggtgag 1260
agaaatcggc aaagggaacc cctgcgcaga tctcgggttc ctttacttta taaccgctgg 1320
ttccggttcc tgcca 1335

```

```

<210> 7596
<211> 2832

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<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (86)...(707)
 <223> similar to gi515041 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7596

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catcatcggc	gagagtgggg	tgggcaagtc	cagcctgctc	ttgaggttca	cagatgatac	180
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attaactccc	agctattata	gaggtgcaca	gggtgttata	ttagtttatg	atgtcacaag	360
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aatctttttc	acagtattca	gttttctcac	ctcttgctat	tgtatattgt	agattttttt	1860
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tgaaaaaaaa	aa					2832

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<210> 7597
<211> 3028
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2865)...(533)
<223> similar to gi4176446 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7597						
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accttggaac	tgaatacagc	tctgcagccc	tagctgcaca	gaagacaggt	aggtgctttc	180
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ataattt						1927

<210> 7599

<211> 4697

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(1404)

<223> similar to gi4240235 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7599

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aaaagtgtag	aacagcaagt	tatcggcttc	agtgggtctgt	cagatgacaa	gaattacaag	180
aaactggaga	ggattctaac	aaaacagctt	tttgaaatag	actctgtaga	tactgaagga	240
aaaggagata	ttcagcaagc	taggaagcgg	gcagcacagg	agacagaacg	tcttctcaaa	300
gagttggagc	agaatgcaaa	ccacccacac	cggattgaaa	tacagaacat	ttttgaggaa	360
gcccagtcct	tcgtgagaga	gaaaattgtg	ccattttata	atggaggcaa	ctgcgtaact	420
gatgagtttg	aagaaggcat	ccaagatata	attctgaggc	tgacacatgt	taaaactgga	480
ggaaaaatct	ccttgcgga	agcaagggtat	cacactttaa	ccaaaatctg	tgcggtgcaa	540
gagataatcg	aagactgcat	gaaaaagcag	ccttccctgc	cgctttccga	ggatgcacat	600
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aaggctgcc	ggaacaagc	tgtgaggctt	gcgcagaata	ttctcagcta	tctcgacctg	1380

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gtggaaaaaa	aaaaaaa					4697

<210> 7600
 <211> 1065
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (965)...(272)
 <223> similar to gi780263 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7600
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 ccctttattc cccttcttgt gcctgcccat gagcctgagt gtgacagatc aattagcttt 180
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 cagagttgag ataagaaggc ttggtctcca agcaggtctt cgtagtagag aacgaaccag 720
 cctcgcgatc ccaggtgaat gaaccacac actgcaaacc agcacaggga cagtcgccgc 780
 caagtcccca atgggacaac cgcagcacga cctgacaaca gccatgtggt cacgactaag 840
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 aagttgtcca gtcttaggtg ctgaggccag tatgggtgca aggggcccgc gttggtagtc 960
 atgtctttgt gggctgatgg caaggcgcg cgcggcagcg gcctcccacg ctggctccgg 1020
 gctctcttta ggctgggtct cgcgccggac gcgtgggtcg acccg 1065

<210> 7601
 <211> 3395
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3225)...(1402)
 <223> similar to gi603953 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7601

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ggggagctgg	atgctggctg	aaggaccccc	atggtgaagt	cgattccaac	ctcacgggag	180
cctcagtgcc	ctatctccat	ggaaaccagc	ctgggcactg	ggatggggcc	ctagggagcc	240
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ccacccccaaa	gctacttgcc	cagctccccc	tcctctctgt	gtttgtcggg	ccaaggataa	360
agggaaaatgg	gggagttgac	cactttaacg	gacaaaacaa	aagcagattt	gttacctcct	420
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gaattctgcc	aagaccctag	agcggtatg	gcagacagcg	gtgcatgact	gccagagggc	540
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ttacactgca	acacactgtg	aagcagctct	tccccacaaa	actctgtttc	atcttcaata	3360
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<210> 7602
 <211> 1665
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1666)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (94)...(1665)
 <223> similar to gil546902 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7602
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 aatcgaagtt caagtcccgc ggacactgca accatgaagg agagacgggc cccccagcca 120
 gtcgtggcca gatgtaagct cgttctggtc ggggacgtgc agtgtgggaa gaccgcgatg 180
 ttgcaagtgt tagcgaagga ttgctatcca gagacctatg tgcccaccgt gttcgaaaat 240
 tacacagcct gtttgagagac agaggaacag aggggtggagc ttagtctctg ggatacctca 300
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 ttcacctcag aaaagagcat ccacagcatc tttcggacgg catccatgct gtgtctgaac 660
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 tccattatgt gaagtggaaa ttggaggggg gagacaaccc cctacttcct cccttgggggt 840
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 tacattcaca tgcttctcac ctaagtcccc cagggtccaa gggagaagcc ccagaccccc 1440
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 gactttttct gcccttaggg tagtacagct ggcatttggt ttatagactc ttgtcttttg 1560
 aattgggggg agggggggag tgtttcaatc tgttatatgt tctgtgttta atgaagaaaa 1620
 cctattttatt aatgaaaaat ataatacata taaagaaaaa aaaaa 1665

<210> 7603
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (121)...(382)
 <223> similar to gi3878951 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7603
 tcccgatatt cccgggtcga cgatttcgtc gccgagccca gctccgcccgc cgagcgcctg 60
 tgccggcacg gctacaccat ggagcgcccg gataaggcgg cgctgaacgc actgcagcct 120
 cctgagttca gaaatgaaag ctcatatgca tctacactga agacgctcct gttcttcaca 180
 gctttaatga tcaactgttcc tattgggtta tatttcacaa cttaaatttta catatttgaa 240
 ggcgcccttg ggatgtccaa tagggacagc tatttttacg ctgctattgt tgcagtgggc 300
 gccgtccatg tgggtgctggc cctctttgtg tatgtggcct ggaatgaagg ctcacgacag 360
 tggcgtgaag gcaaacagga ttaaagtga catcaccttt ttatagcatt aaattcattt 420
 tttaaaatga taaatgctgg agggggccat ctgatttgaa taaagttgaa agaacatggt 480
 aaagtcagtc ttaaggagtc acgtttgagt atgtaaattt tgatctttct aatatgttgg 540
 ttgnaaaatc agttttaact gtatgaatct ganttgcnat gagaattgga aagtagtacn 600
 agaataggta attaattggcc a 621

<210> 7604
 <211> 6012
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (510)...(4248)
 <223> similar to gi2887437 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7604
 gagggcgggg aagaggcgtg acggagattc ctgaggtgta gtagcctgag gttcccttat 60
 gtggccctat agctgttact gaaggaagta gcctacgtcc acgcctacaa ctgaagtctc 120
 ttgacaaaaca cctcaccctt gcctccggga tgaaaggggg taacctagac ctgaatgggc 180
 ttgaccatct cacaactgct cgcgtgacga ccgcattcgt ggcaggtaag aagattgctg 240
 tatcaactca agaaagcagt aacttcactg tctttgtatt ttgaattgca acaacaactt 300

tgatatcaac	aatgaagcaa	tgatatctaa	gaacaaaaga	gtatttgcca	acagtcatca	360
taatatcaag	tgattgtata	agcagaaaca	agctgtcaca	gacctgtgcg	tcagctaata	420
tatggagaat	gctttcttct	gatactattt	acttagaggg	agttttaata	taaatcattt	480
caattatata	tacatcaaata	aaaataaaaa	tgagtgaagc	ccccagattc	ttcgttggaac	540
cagaagatac	agaaataaat	cctggaaatt	atcgacattt	cttccaccat	gcagatgaag	600
acgatgagga	ggaagatgat	tctccaccag	aaaggcagat	tgtgggttga	atatgttcca	660
tggaagaa	atcccaaata	ccaaacccaa	tgaaggaaat	tcttgaacgg	atctccttat	720
ttaaatatat	cacattagta	gtatttgaag	aggaggttat	tttgaatgaa	ccagtggaaa	780
actggccttt	atgtgattgt	cttatttctt	tccattctaa	aggatttcca	ctggacaaaag	840
cggttgccta	tgcaaaaact	aggaatccat	ttgtaataca	tgacttgaat	atgcagtatc	900
tcatacaaga	taggacagaa	gtatatagta	ttcttcaagc	tgaaggattt	ttacttcttc	960
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taccaactac	atctggaact	atgatggaac	ttagatgtgt	catagctgtt	atacgtcatg	1680
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aaacatctag	tgaagaggag	gacagccgaa	gagaagaacc	atctttactt	ttggttctaa	2040
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tcagggtgat	gtatcctgga	ggtcaaggag	attatgcagg	atttccctgg	tgtgggtttac	2160
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actctctgag	cagttgtcag	caacgtgtga	aggcaaggct	tcatgaaata	cttcagaaaag	2400
acagagattt	tactgctgaa	gattatgaaa	agcttactcc	atctggaagc	atttctctta	2460
tcaaataaat	gcatttaatt	aaaaaccctg	tgaagacctg	tgataaagtt	tattccttaa	2520
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ttgttatcat	gctttatgag	gactcctaata	aggatctttc	ctcagaagaa	cgctttcatg	3180
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tgtctttcca	aagagatttc	attaaccgtt	tagattagaa	tatctttccc	aattgttaca	4740
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atctgtgttt	tgaatttttt	tattgtgtgt	tatttaaaat	attacatatg	cagctgggag	4860
aactacacct	ttgtgcacat	agatttatat	attaatttgt	agaaaatatt	ttctttatat	4920
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gctgtgattt	catctgtgat	gtgaaaaatc	aatttattat	ccttggtgct	ttcccccca	5340
ccaatgcaca	aataattgtg	aacagcttga	aatgacttaa	actgtaatcc	aaatgggaca	5400
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gaaatttatg	tttagaaaaa	ctattgattt	cccatgggat	gaatataact	attgtaattc	5520
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taaagaagtt	catagatttc	acatgaatgt	aaatgtgtta	tatggagaca	tgtcttgtaa	5700
acagttgaat	gtatgtaagt	tttctgtttg	tgaaaatgta	gttaatgtac	tcactgtgga	5760
ggtcataagg	aagctacttt	ttttttaaag	tggaaacctaa	ttaaaatatt	tccagaatca	5820
aaaaaaaaaa	aagggggggg	ccgttttaaa	gaacccttgg	ggggcccaag	tttaacgggg	5880
gatggaaagg	taaaattttt	tcccttatgg	ggggccaaat	aaaacccaac	ttggaaattt	5940
tggaaaagaa	ccttactttg	gggggggaaa	catatggggc	caccctcctt	acaaaattta	6000
aagggttttag	gg					6012

<210> 7605

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (198)...(514)

<223> similar to gi3714150 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7605
ggcacgagca ggaatgtctg aggtggcaac acttctcttc agccagacag cactggccag      60
tttgaggtct gtccatcctg caggccacaa gctctggatg aggaacttga ggcaagtcac      120
cagcccctga tcatttcgcc taaaagagca aggactagag ttcttgacct ccaggccagt      180
ccctgatccc tgacctaatg ttatcgcgga atgatgatat atgtatctac gggggcctgg      240
ggctgggcgg gctcctgctt ctggcagtgg tccttctgtc cgcttgctg tggttgctgc      300
atcgaagagt aaagaggctg gagaggagct ggcaccttct gtcttggtcc caggcccagg      360
gctcctcaga gcaggaactc cactatgcat ctctgcagag gctgccagtg cccagcagtg      420
agggacctga cctcaggggc agagacaaga gaggcaccaa ggaggatcca agagctgact      480
atgcctgcat tgctgagaac aaacccacct gagcaccca gacaccttc tcaaccagg      540
cgggtggaca ggggtccccct gtggtccagc cagtaaaaac catgggtccc ccacttctgt      600
gtctcagtcc tctcagtcca tctcgagcct ccgttcaaat tgatcatcat caaaacttat      660
gtggcttttt gacctttgaa tagggaattt tttaaatttt ttaaaaatta aaataaaaaa      720
aacacatggc tcaccttcc acccaaaaaa aaaa                                754

```

```

<210> 7606
<211> 2065
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (57)...(712)
<223> similar to gi3005742 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7606
gccgtgatc ggccgtcgga atccccgcgg cgaccacgc gtccgcccac gcgtccgagc      60
ggcggggggc agtgtgcct cgggtctaggg acggcgggcg agtcgggtgg ccctgcgcga      120
tgccacctc ggtgttgtgc tgccctgcgg gctgcagaga cgggggggact ggccacatcc      180
ctctgaagga gatgccggcc gtgcagctgg acacgcagca catgggaaca gatgttgta      240
ttgtaaagaa tggagaaga atagtgtgaa caggagggtt ttagccagc gcacctttac      300
atcaaaacaa aagctatttt gaattcaaaa tccagtccac aggaatctgg ggtattggtg      360
ttgcaactca gaaggttaac ttgaatcaga ttctcttgg ccgagatatg cacagtctgg      420
tgatgagaaa tgatggagcc ctttaccaca acaatgaaga gaaaaatagg ctgccagcaa      480
acagtcttcc gcaggaagga gatgtggtgg gtattactta tgacctgtc gaattaaatg      540
tatacttgaa tggaaaaaac atgcattgtc cagcatcagg tatacgaggg acagtgtatc      600
cagttgttta tgttgatgac agtgcaattt tggattgcc gttcagtgag ttttatcata      660
cgctccacc tggttttgaa aaaatattat ttgaacagca aatcttctga atgtatttgc      720
tgttcaaact tgtatttctg cactgttaaa aaatgttcat catttaataa aactttacct      780
ggcctataga tgaatatata ttcttaaaaa tatgcttgtt gatgctgtct aaggaaccaa      840
tgtattcagt ataccacct gaagttgtga tttaaaatac tttatgtttt gtgaaatgaa      900
aataagcatt tgggcagttt atttaattct tatttaataa aatagaatta tgggtttaat      960
taacagtata acatgactat atatacatat atatttaaag ggaattcttt ctacataat      1020
atatttgttt tgatagagat gtaaagttgg gtgtgtgttt ttgtcactct gaagtttaga      1080
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atacaatata acaaagttag agaaatttat attactggca atttcatttt tggcagtcta      1200
ttctgtatc atgtaccgct tttcttaaaa cttaaattgc ttattttgtt gtgtaatgtc      1260
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```


<210> 7608
 <211> 1329
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (60)...(576)
 <223> similar to gil142716 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7608
 ccctggtccg cgggcgagct cgagcagcca accccggggcg cgtcgggggcc atggacggcc 60
 tgaggcagcg cgtggagcac ttcctggagc aaaggaacct ggtcaccgaa gtgctggggg 120
 cgctggaggc caagaccggg gtggagaagc ggtatctggc tgcaggagcc gtcactctgc 180
 taagcctgta tctgctgttc ggctacggag cgtctctgct gtgcaatctc atcggatttg 240
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 tgtggctcac ctactgggtg gtgtacgccc tgtttgggct ggccgagttc ttcagcgatc 360
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 tggctcccag gccctggaac ggggctctca tgctgtatca gcgcgtcgtg cgtccgctgt 480
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 ctcggtcca ggcaaggccc tgggggtctc cttaaagtcc acctcgggca agtcccagtc 780
 ccagtccctg gccacccccca gctctggatc ccagggccag ctgccctctg gctctggctg 840
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 gagtccacca ccgagatcac ctgcagctgg ccacaccaca ggcccccggtg cctgcagcac 1260
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 aaaaaaaaaa 1329

<210> 7609
 <211> 4586
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (915)...(3680)
 <223> similar to gi5834564 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7609

gcgcccggggc	ggagaaaatgt	tttgtaactt	tactggcctg	cttcctggcc	aagcagcaga	60
acaaatacaa	atatgaagag	tgcaaagacc	tcataaaatc	tatgctgagg	aatgagctac	120
agttcaagga	ggagaagctt	gcagagcagc	tgaagcaagc	tgaggagctc	aggcaatata	180
aagtcctggt	tactctcag	gaacgagagc	tgacccagtt	aagggagaa	ttacgggaag	240
ggagagatgc	ctcccgtca	ttgaatgagc	atctccaggc	cctcctcact	ccggatgagc	300
cggacaagtc	ccaggggcag	gacctccaag	aacagctggc	tgaggggtgt	agactggcac	360
agcaccttgt	ccaaaagctc	agcccagaaa	atgataacga	tgacgatgaa	gatgttcaag	420
ttgaggtggc	tgagaaaagt	cagaaatcgt	cttccccag	ggagatgcag	aaggctgaag	480
aaaaggaagt	ccctgaggac	tactggagg	aatgtgccat	cacttggtca	aatagccatg	540
gcccttgtga	ctccaaccag	cctcacaaga	acatcaaaat	cacatttgag	gaagacgaag	600
tcaactcaac	tctggttgta	gacagagaat	cctctcatga	tgaatgtcag	gatgctctaa	660
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<210> 7610

<211> 2321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(1398)

<223> similar to gi4467809 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7610

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gagagtgagc	ttcaggcagg	gagggaaaaa	ggcgacccta	cggagaagca	acttcagatc	180
atcctggagg	atgcacctct	ctggcagaga	ttcaaggaag	tactaatga	gatgattgtg	240
accaagaatg	gcagacggat	gtttccagtc	ctaaagatta	gtgtcacagg	gttggacccc	300
aatgccatgt	actccctcct	gctggacttt	gtccctacgg	acagtcaccg	ctggaagtac	360
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attcaccggg	actcccccaa	ctttggggcc	cactggatga	aagctcccat	ctccttcagc	480
aaagtgaagc	tgaccaacaa	gctcaatgga	ggcgggcaga	taatgttgaa	ttctctgcat	540
aaatatgaac	cccagggttc	catagtgcgt	gttgggaagt	cccacgaat	ggtaacaaac	600
tgctccttcc	ctgaaaccca	gttcatagcc	gtgactgcct	atcagaatga	ggagataacg	660
gctctcaaaa	tcaagtacaa	tccttttgcc	aaagccttct	tggtatgcaa	ggaaagaaat	720
cacctaagag	acgtaccgga	ggctatctct	gagagccagc	atgtgaccta	ttctcacttg	780

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<210> 7611
<211> 2276
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(2179)
<223> similar to gil780991 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7611
cagcccggcc tacagtgcgg acacaggaca gaggggagcc aggttctttg cactgaccaa 60
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gatccaggat aggatgggca gccagtgca ccgagtgtca ttgggggata cctggagcag 180
gcaaatgcac cccgacatag agagcgagag gtatatgcag tcctttgacg tggaacggct 240
caccaacatc cttgatggag gtgcccagaa cactgcactc cgcaggaaag ttgagagcat 300
catccacagt tacccgaggt ttagctgtaa ggacaattat ttcatgaccc agaatgagcg 360
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gttagaagat ggtcgtgaat taggctacgc ttacagagcc ctttctggag acgtggcctt 480
aaatatacac agagtcttcg tgagagccct caggagcctg ggctcagagg agcagattgc 540
caaatgggac ccactctgca aaaacatcca gatcatcgca acgtatgcac agacagagtt 600
gggacatggg acatatcttc agggcctgga gactgaagcc acctatgacg cagccacca 660

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ggagtttgtg atacacagcc ccacgctgac tgccaccaa tggtggcctg gagacttggg 720
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<210> 7612
<211> 1727
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(414)
<223> similar to gi208157 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7612
gcgggacccg cgaggagtcg cgccgaggac ggaggccacg atacctgcgt ggctggggct 60
gcgggctccg gggtcaccac cctgggagc cggagggtgg cgcctccgcc ggccgcagct 120
ggagaggagc gtgtcccaa gccgggggag caggacttga gcaggcacgc ggggtcaccg 180
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tgcgccatgg gtggtcccg gaccaagagc ggggagcctt tgtgtcctcc gttactgtgt 420
aatcaggaca aagaaacct gactctgctc attcagggtgc ctccgatcca gccgcaagt 480
cttcaaggag atttgaatcc cctctggtac aaattacgct tctccgcaca agacttagtt 540
tattccttct ttttgcaatt tgctccagag aataaattga gtaccacaga acctgtgatt 600

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agcattttctt caaacaatgc agtgatagaa ctggcaaaat ctccagagag ccatggacat 660
tggagagaggt ggtattatgg tgtaaacaac gattcttttg aggaaagggt atttgtcaat 720
gaagaaaatg ttaatgagtt tcttgaagag gtcctgagct ctccattcaa acagtctatg 780
tccttgacccc caccattaat tgaagttctt caagttactg ataataagat tcaaattaat 840
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catttgagag ttaaaacatt tagttttaat acaacctatg tatatatact tctgtgttaa 1680
tttttgcttt gtcattaata aaatttaaaa atattcaaaa aaaaaaag 1727

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<210> 7613
<211> 1357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1241)...(379)
<223> similar to gi3218411 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7613
tttttttttt ttaacattta tataccaagt ttattgagac ctctgagac ttaaaccctg 60
tagaaaacag atgaatcaaa cccaggcccc attctcggga agctcacagt gtgaaaatag 120
gtaactacaa aaacacagcc aataagtgtc ttgaaacaag gaagaacata aaaaagatgt 180
agtgttcgaa aacctggaat caaaaactaa ccgcggagaa aggtaggagg atgttctaga 240
ctcccagaga agagctgggg aacatccaga aaggctcttg ctgccgacac agccacatcc 300
cctaggtctc tggagttcac tgcaggctgg cccattgcag ggaggtgtag accaccttac 360
catcaggctg cggagaacag aggagcaggg tctttctgac gctggttcca aggcgcccag 420
cagcaaccag gtcttgaggt gggatggtgt cctcgggggc ccagcactga gcgatataat 480
gggcgtggaa gcgagggggg tcaccaggat agaccaggaa gtcacctccg aacttgccag 540
ccgcactgag gaagaagcct cgctcccaca ggtctctgta gatactgtag cgcagctcgt 600
gggcagggcg gccggcgtgg ggccagtctt tagactggac acgccagtcc aggggcctgg 660
ccttgaccgg tcgaggcctg gcagtggcca gctggacaag gagagcagat ctgggcaagg 720
gggctacccc atttgagggt cctgcttggg aagacgaggg gccagcttcc tcctgctctc 780
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gctcctggaa gctctcctct tgctggcgct tgaaggatgt cagggccagg ctgtggtgcc 1020
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cctcttcggg	catcagcagc	agcgggaggc	ccaggcgcca	gttctggcgg	ggccccgggg	1140
gcagggcgcc	taccgtgcgg	ccccccacac	ccaggcgctc	ccggaggggc	tgcaccgcct	1200
cggtctccca	caccagggag	cggccgttcg	ccacctccac	caccagcatc	ctccccaatt	1260
gggagcgctc	agtccgcctc	cttgccctcc	ttcagaatgt	cccactgtcc	accgatagaa	1320
ccagcgagtc	acctcataaa	cagtaattcg	cagtcga			1357

<210> 7614
 <211> 2003
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (186)...(1205)
 <223> similar to gi5410282 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7614						
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gcgctaccgc	accaggttc	ggcccgtagg	cgtctggcag	ccggcgcca	tcttcacga	180
gcgccatggc	cgcagcctgc	gggcggggag	cgccgggta	ctgcttgctc	ctcggttg	240
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tgcgggatgt	aaaagctctt	accctccact	atgaccgcta	taccacctcc	cgcaggctgg	360
atcccatccc	acagttgaaa	tgtgttggag	gcacagctgg	ttgtgattct	tatacccaaa	420
aagtcataca	gtgtcagaac	aaaggctggg	atgggtatga	tgtacagtgg	gaatgtaaga	480
cggacttaga	tattgcatac	aaatttggaa	aaactgtggt	gagctgtgaa	ggctatgagt	540
cctctgaaga	ccagtatgta	ctaagagggt	cttggtgctt	ggagtataat	ttagattata	600
cagaacttgg	cctgcagaaa	ctgaaggagt	ctggaaagca	gcacggcttt	gcctctttct	660
ctgattatta	ttataagtgg	tcttcggcgg	attcctgtaa	catgagtgga	ttgattacca	720
tctgtgtact	ccttgggata	gcctttgtag	tctataagct	gttcctgagt	gacgggcagt	780
attctcctcc	accgtactct	gagtatcctc	cattttccca	ccgttaccag	agattcacca	840
actcagcagg	acctcctccc	ccaggcttta	agtctgagtt	cacaggacca	cagaatactg	900
gccatggtgc	aacttctggt	tttggcagtg	cttttacagg	acaacaagga	tatgaaaatt	960
caggaccagg	gttctggaca	ggcttgggaa	ctggtggaat	actaggatat	ttgtttggca	1020
gcaatagagc	ggcaacaccc	ttctcagact	cgttgtaacta	ccgtccctat	cctccctcct	1080
accttggcac	gtggaatagg	gcttactcac	cccttcattg	aggctcgggc	agctattcgg	1140
tatgttcaaa	ctcagacacg	aaaaccagaa	ctgcatcagg	atatggtggt	accaggagac	1200
gataaagtag	aaagttggag	tcaaacactg	gatgcagaaa	ttttggattt	ttcatcactt	1260
tctctttaga	aaaaaagtac	tacctgttaa	caattgggaa	aaggggatat	tcaaaagttc	1320
tgtggtgtta	tgtccagtgt	agctttttgt	attctattat	ttgaggctaa	aagttgatgt	1380
gtgacaaaat	acttatgtgt	tgtatgtcag	tgtaacatgc	agatgtatat	tgcagttttt	1440
gaaagtgate	attactgtgg	aatgctaaaa	atacattaat	ttctaaaacc	tgtgatgccc	1500
taagaagcat	taagaatgaa	ggtgttgtac	taatagaaac	taagtacaga	aaatttcagt	1560
tttaggtggt	tgtagctgat	gagttattac	ctcatagaga	ctataatatt	ctatttggtg	1620
ttatattatt	tgatgtttgc	tgttcttcaa	acatttaaat	caagcttttg	actaattatg	1680
ctaatttgtg	agttctgata	acttttgagc	tctgaagctt	tgaatcattc	agtgggtggg	1740
atggccttct	ggttaactgaa	tattaccttc	tgtaggaaaa	ggtggaaaaa	aagcatctag	1800
aaggttgttg	tgaatgactc	tgtgctggca	aaaatgcttg	aaacctctat	atttcttttcg	1860
ttcataagag	gtaaagggtca	aatttttcaa	caaaagtctt	ttaataacaa	aagcatgcag	1920

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ttctctgtga aatctcaaatt attgttgtaa tagtctgttt caatcttaaa aagaatcaat 1980
aaaaacaaac aaggggaaaa aaa 2003

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<210> 7615
<211> 1328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (925)...(473)
<223> similar to gi913246 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7615
ggtagccaca tggcaaatgc atgtcaaagc actttgaaaa cagaaaatcc tattcaaatg 60
ataggtatta tttagaaagc tggctttata aatgcatgtt tttggcagct tcaattaaag 120
ttaggatcct cctaagagaa attatcattg taccttcttt tgtgaagtca aagccttcaa 180
gacagtactc aaaattcaat aaataggttt tactatgtag atgaacaaag ctttaaagtg 240
aataaggaca gcagtgaagg gcaagtcaag gatagatact tcacaagcca actgaatgaa 300
gaccatggat tcgttagctc tgagccgttt aacatttcat attatactta gcaggaatgt 360
atgacaatat tactttgatt ttttgctggt cccgcttaat tactgcatcc agttgcttcc 420
ttttttcatt ttcttcttgt agttttcttt gtagctgtat cttttgatat ttcatgtgat 480
ctacactctg ctctagtcca ttagcacggt tctcatcttg gattgacagt gatgccagtt 540
tcttactatc ttgttgcttc ttctgtaaga cctgaactct cagctttgca gcatccacct 600
ttttacgaaa ctctttctgt aattttacct tcattgcaac atcagaaaga tctttgtttt 660
ccagctcctg tagctgcttt tgtgtttcag ttagttcgac ttttgctgt tctgcatcat 720
gctctagctt tgttactttc aaagtatact gcttgcttac agacttggca tcgttacctg 780
tttttattaa ttctttaatc agatcttctt tcatcttgat gttactgta agttctctca 840
ttttttgttt ggcttcagta agtatgcgtt ctgaattctt taatttttgc aaattcaatt 900
cttgactctc ctggagacaa tcaatcttta aatcttcatt ctccgaatct gacttttgtg 960
tttcatcctg agtatcactc aattcaacaa gggaacagag tctggcttct gaatccatga 1020
acgacttcta catctagttc cagattttctc ttggccttct gattcttcat catcactgtt 1080
atcagaaaaat tggcagtgga ggacctcatc tcgttcttct acgtgatcca acagcatctg 1140
actttgtgtt cgaaatccag caaatattcg atccagagag tacataggcg gacttgtgtg 1200
gaccttgcaa gtgattcccc ctctggaat cttgtcttga tgggatataa atataatgcc 1260
ccaaatgagt atcaaatggt acagtatatg gtctcttttc agggatcctg gcatatggcc 1320
cgtctcca 1328

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```

<210> 7616
<211> 1297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (98)...(834)
 <223> similar to gi50229 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7616

tcagacaccg	tgtcctcttg	cctgggagag	gggaagcaga	tctgaggaca	tctctgtgcc	60
agggcagaaa	ccgcccacct	gcagttcctt	ctccgggatg	gacgtggggc	ccagctccct	120
gccccacctt	gggctgaagc	tgctgctgct	cctgctgctg	ctgcccctca	ggggccaagc	180
caacacaggc	tgctacggga	tcccagggat	gcccggcctg	cccggggcac	caggggaagga	240
tgggtacgac	ggactgccgg	ggcccaagg	ggagccagga	atcccagcca	ttcccgggat	300
ccgaggaccc	aaagggcaga	agggagaacc	cggcttacct	ggccatcctg	ggaaaaatgg	360
ccccatggga	ccccctggga	tgccaggggt	gcccggcccc	atgggcatcc	ctggagagcc	420
aggtgaggag	ggcagatata	agcagaaatt	ccagtcagt	ttcacggtca	ctcggcagac	480
ccaccagccc	cctgcaccca	acagcctgat	cagattcaac	gcggtcctca	ccaacccgca	540
gggagattat	gacacgagca	ctggcaagtt	cacctgcaa	gtccccggcc	tctactactt	600
tgtctaccac	gcgtgcgata	cagccaacct	gtgcgtgctg	ctgtaccgca	gcggcggtcaa	660
agtggtcacc	ttctgtggcc	acacgtccaa	aaccaatcag	gtcaactcgg	gcgggtgtgct	720
gctgagggtt	caggtggg	aggaggtgtg	gctggctgtc	aatgactact	acgacatggt	780
gggcatccag	ggctctgaca	gcgtcttctc	cggcttctct	ctcttccccg	actagggcgg	840
gcagatgcgc	tcgagcccca	cgggccttcc	acctccctca	gcttctctgca	tggacccacc	900
ttactggcca	gtctgcatcc	ttgcctagac	cattctcccc	accagatgga	cttctcctcc	960
aggagcccca	ccctgaccca	ccccactgc	acccccctcc	catgggttct	ctccttctctc	1020
tgaacttctt	taggagtcac	tgcttgtgtg	gttctctggga	cacttaacca	atgccttctg	1080
gtactgcca	tctttttttt	ttttttcaaa	gattgggagg	ggggggggaa	atatataaat	1140
aaatcatgaa	atcaaatgcc	acccggccg	aaattccaaa	atttataaat	cgaaaaccct	1200
gaaaaccccc	aaagagtact	cttaaatggg	gcaagggccc	ccatgtaatt	tcttttcttt	1260
aaaacaggtt	tgggcctttt	tttataaaac	tatcccc			1297

<210> 7617

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (820)...(282)

<223> similar to gi1872491 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7617

tttttttttt	ttgcaaagac	cacagtgctt	tactttttgt	cttagcagag	gagataactt	60
gagggacagc	ccccaaggcg	ccaggtagcc	ttcagggggc	ggcaggggtt	ggggaggttag	120
gagactcgga	ccggcagccc	tggtctcagc	ttcatcatct	gtgtcttccc	tctctggcca	180
ggctcttcga	ggggatgcag	gaggtctggc	acggtgagct	ggcagggggc	ttggtcttcg	240
ggtgcccagc	aggttgctcag	ctcctgtttc	tgatggactc	acctgcaatg	attccggcat	300
aaccgggaca	gctgcctgca	cttgccactg	gtgaggatga	tgatgcctgt	gatgaacagc	360
acagctgcga	ccaacagccc	ccgtttccgg	agggtgtggt	catcatagaa	gaaggggtca	420

tcctcatgaa	aaccagatgg	cttgaggggtc	tgggggtctg	tctggacgtc	tgtgcttggg	480
gatggtctct	cagagagcgt	cgtggtgtca	tcagtgggat	gagctgcttt	ggtgctcttg	540
tgtgtctctg	gatctgtcac	tagaggccca	tccgttcctt	ccagttgctg	ggtctgggtc	600
tgggggttgtg	gtgtttcatc	agcaggccag	gttgggggtt	gagaggtggg	ctggagttct	660
gtgtagactg	catctggggc	tcgtgtcggg	acctgaatgt	ccatgatagt	tgcgtctgct	720
gaagaactgg	acgtggtatc	tttcaacgtc	tgtcctctgg	tggggagaaat	caggccaacg	780
atggtgagaa	gacacaggcg	accagagggc	gacatctgag	cccggcccgt	gggcagaggg	840
gcagcggatg	gaggtggcgc	gcgagaggga	cttacgtcgg	agctgggggt	cctaagcccg	900
cagcctcgtg	gagagagggg	cgcggcggtg	gctgctgcgt			940

<210> 7618
 <211> 1407
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (75)...(1407)
 <223> similar to gi5689415 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7618		
cgagcgcgtg	ggaaatggca ttaccaaatt ccaaatacta cactcacagc gagcaaattgg 60	
catgaccaa	gtccaaatac tacactcacc tgctggggga cagcatcaca ctgcaggatt 120	
tcaaaggttt	ccgaggaggc ctggacgtga cccacggaca gacaggggtg gaatcagtgt 180	
acacaacatt	ccgggacagg gagatcatgt ttacagtttc cacaaagctg ccattttaccg 240	
acggagacgc	ccagcagctc cagagaaaga gacacattgg aaatgacatc gtggccatca 300	
tcttccaaga	ggaaaacacg ccgtttgtcc cagacatgat agcctccaat ttcttacctg 360	
cctacatcgt	cgtgcaggtc gagaccccag gcacagagac cccatcctac aaggtctctg 420	
tactgcgcg	ggaagatgtg cccacctttg gtccacctct gccagtcgc cccgttttcc 480	
agaagggccc	ggaattcagg gagtttctgc tcaccaagct caccaatgcc gagaacgcct 540	
gctgcaagtc	ggacaagttt gcaaagctgg aggaccggac cagggtctgc ctctggaca 600	
accttcacga	tgagctccac gcccacacac aggcctatgt gggactgggc ccagaggagg 660	
acaagtttga	gaatggaggc caccgggggt tcttgagtc ttttaagagg gccatccgcg 720	
tacgcagcca	ctccatggag accatggtgg gcggccagaa gaagtcgcac agtgggggca 780	
tcctggcag	cctcagcggg ggcattctcc acaacagcat ggaggtcacc aagaccacct 840	
tctgcctcc	agtgggtggc gcaacggtga agaaccagtc acggagtccc atcaagcgac 900	
gctcgggggt	cttccccgcg ctgcacacgg gctcagaagg ccaggggcgac agccgggcac 960	
gatgtgacag	cacatccagc acacccaaga cccagatgg tggacactcc tctcaggaga 1020	
taaagtctga	gacctcatcc aatcccagct ctccggaaat ctgccccaac aaggagaagc 1080	
ccttcatgaa	gttgaaggaa aacggccgcg ccattctccg ctctctctcc agcaccagca 1140	
gcgtcagcag	cactgcaggg gagggcgagg ccatggagga gggcgacagt gggggcagcc 1200	
agccgtccac	gacctaccc ttcaagcagg aggtgtttgt ctacagcccg tccccgagca 1260	
gcgagagccc	cagcctgggg gcagctgcca cccgatcat catgagccgg agtcccacag 1320	
atgccaaaag	cagaaactcc ccgagatcga acctgaaatt ccgctttgac aagctcagcc 1380	
atgccagctc	tggtgcgggt cactaat	1407

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<210> 7619
<211> 1329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (104)...(926)
<223> similar to gi4680703 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7619
cgcacgggcg cgcgcgagctg ttgacgcgct tcttagctgg tgcgcgccgg agcccaaatt      60
ccaagtggaa actgcaggcg cagcagggag gaacgcgtgg agcatgaaaa ggcagggggc      120
ctcctctgag cgaaaacgag cgcggatacc gtccgggaag gccggagcag caaatggatt      180
tctcatggaa gtttgtgttg attcagtgga atcagctgtg aatgcagaaa gaggaggtgc      240
tgatcggatt gaattatgtt ctggtttatc agagggggga actacacca gcatgggtgt      300
ccttcaagta gtgaagcaga gtgttcagat cccagttttt gtgatgattc ggccacgggg      360
aggtgatttt ttgtattcag atcgtgaaat tgaggtgatg aaggctgaca ttcgtcttgc      420
caagctttat ggtgctgatg gtttggtttt tggggcattg actgaagatg gacacattga      480
caaagagctg tgtatgtccc ttatggctat ttgccgccct ctgccagtca ctttccaccg      540
agcctttgac atggttcatg atccaatggc agctctggag accctcttaa ccttgggatt      600
tgaacgcgtg ttgaccagtg gatgtgacag ttcagcatta gaagggtac ccctaataaa      660
gcgactcatt gagcaggcaa aaggcaggat tgtggtaatg ccaggaggtg gtataacaga      720
cagaaatcta caaaggatcc ttgagggttc aggtgctaca gaattccact gttctgctcg      780
gtctactaga gactcgggaa tgaagtttcg aaattcatct gttgccatgg gaggcctcact      840
ttcttgctca gaatattccc taaaggtaac agatgtgacc aaagtaagga ctttgaatgc      900
tatcgcaaag aacatcctgg tgtagccaga cctctctgag agacatggat atcacaggat      960
gaaggtagaa ctataatctg caattctcta tgacacagct ttaaccttct tctctggcca     1020
ggacagtcgc aatctttgtt ttaagtttca catggccatg gagaatgtgc ccaagaagaa     1080
aaagaatttg aaacagagat acagtcactt cctttgctta gtcttaccag tgattgtcat     1140
catggttaaa gctggtctgt gcttcttcca tagacagaag cttagtctgt tttcagtgga     1200
attaattgat gaactgggaa aattttaact gcatggtatg aattcagagt gtgacttaag     1260
ggtcaattca aagcagtatt ttgacttttc atttgtaaaa taaaaatttc cactattaca     1320
aaaaaaaaa                                     1329

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<210> 7620
<211> 1999
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (387)...(1741)
<223> similar to gi5256830 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7620

acgcaattcc	cgggttgacc	cacgcgtgcg	gcgcgcccc	gcctgcgggg	ccgcccttca	60
gggcgcgcaa	ggtgcgagtc	tgtccagccg	gcagcacc	aggccggatg	gacgcttggt	120
cctggatctg	tgccccgtga	gcgctcaacg	ccctggtgtg	ttcactgacc	atggtgcctg	180
ggctgcggcg	ccgggcgggg	cacggcggga	cttttcggga	cctttcctgg	ggggagcctc	240
gctttccccg	cctccagcct	ccgcccggat	ggcaggcggg	cggggcccc	gtccaggcct	300
tgagaccag	aaggagcga	aggtttttgc	tgcgccaacg	cagtgaccga	aggctccgct	360
cacgcccggc	ctgatcctgc	ctgaagatgg	tgccactggt	ggctgtggt	tcagggccccc	420
gtgcccagct	ctttgcctgc	ctgctcaggc	tgggcactca	gcaggtcggc	ccccttcagc	480
tgcacaccgg	ggccagccat	gcggccagga	accattatga	ggtgctggtg	ctgggtgggg	540
gcagtggcgg	aatcaccatg	gctgcccgca	tgaagaggaa	agtgggtgca	gagaatgtgg	600
ccattgttga	gcccagtgag	agacatttct	accagccaat	ctggacactg	gtgggtgctg	660
gtgccaacaa	attgtcctca	tctggtcgtc	ccacggcaag	tgtgattcca	tctggtgtag	720
aatggatcaa	agctagagtg	actgagttga	accagacaa	gaactgcatt	cacacagatg	780
acgacgagaa	gatctcctac	cgatatctta	ttattgctct	cggaatccag	ctggactatg	840
agaagattaa	aggcctacct	gaaggtttcg	ctcatcccaa	aatagggtcg	aattattcag	900
ttaagactgt	agagaagaca	tggaaagctc	tgcaggactt	caaagagggc	aatgccatct	960
tcaccttccc	aaatactcca	gtgaagtgtg	ctggagcccc	tcagaagatc	atgtacttat	1020
cagaagccta	cttcaggaag	acaggggaagc	gatccaaggc	caatatcatt	ttcaacactt	1080
ctcttgagc	catttttcggg	gttaagaagt	atgcagatgc	cctgcaggag	atcatccagg	1140
agcggaacct	cactgttaac	tacaagaaaa	acctcattga	agtccgagcc	gataaacaag	1200
aggctgtatt	tgagaacctg	gacaaaccag	gagagacca	agtgatttca	tatgaaatgc	1260
ttcatgtcac	acctccaatg	agcccaccag	atgtcctcaa	gaccagtcct	gtggctgatg	1320
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ttgggatttg	ggactgcacc	aaccttccta	cgtcaaagac	cgctgctgca	gtagctgccc	1440
agtcagggaat	acttgatagg	acaatttctg	taattatgaa	gaatcaaaca	ccaacaaaga	1500
agtatgatgg	ctacacatca	tgtccactgg	tgaccggcta	caaccgtgtg	attcttgctg	1560
agtttgacta	caaagcagag	ccgctagaaa	ccttccccct	tgatcaaagc	aaagagcgcc	1620
tttccatgta	tctcatgaaa	gctgacctga	tgcctttcct	gtattggaat	atgatgctaa	1680
ggggttactg	gggaggacca	gcgtttctgc	gcaagttggt	tcatctaggt	atgagttaag	1740
gatggctcag	cacttgctca	tcttgatggg	cttctggggc	aaaactgcag	tactgaatg	1800
accaagagca	gcacgaagga	cttgggaacct	atccttgtaa	agagttcctt	gatgggtaat	1860
ggtgacaaa	tgcctccctt	ttcagtacct	ttgaacagca	accatgtggg	ctactcatga	1920
tgggcttgat	tctttgggaa	taataaaatg	aaataatact	tttattttct	gaataaaagt	1980
ttgtcactga	aaaaaaaa					1999

<210> 7621

<211> 5824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (354)...(3004)

<223> similar to gi2224699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7621

agcgtccgcg	ggggctgcc	gggtatttcg	ggaagggggc	gtgaggaggc	ggcggcggca	60
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gcggcgggta	gggcaggcag	cagaggggaag	gagaaagaaa	ggaaggaaga	gggcgggggag	120
tcctcagagg	aggaggcggg	accggccggg	cacctcacct	ctcggcgggcg	gcggcggcg	180
cggcggcggc	ggcggggcg	cggggagggc	gcgcgcggcc	ctgcccgcgg	tcttctcagc	240
gcagtcgggc	gcggacccgc	tggtcccggg	cagcggccaa	ggctactggg	gcgggagcag	300
tgggccgggtc	ggcggcgcca	gcggcagcgg	cggaggagga	ggaggctgga	gtgggcgcg	360
aggcgaccgc	catggcggtc	ctcaaactcc	gtgaccagcc	atcactgggtg	caagctatat	420
ttaacggaga	tcctgatgaa	gttcgagcac	taatatTTaa	gaaagaagat	gttaactttc	480
aggacaatga	aaagcgaacc	ccattgcacg	ccgcagctta	ccttgagat	gcagaaatca	540
ttgaacttct	tattttatct	ggagctagag	ttaatgccaa	agacagcaaa	tggttgacac	600
ctttacacag	agcagttgca	tcttgtagtg	aggaagcagt	tcaggtactt	ttgaagcatt	660
ctgcagatgt	taatgctcga	gacaaaaatt	ggcaaacccc	ttacatata	gctgctgcta	720
ataaagctgt	aaagtgtgct	gaagctttgg	tacctcttct	gagtaatgta	aacgtatctg	780
atcgagcagg	gaggactgca	ttacatcatg	cagctttcag	tggaatggg	gagatgggtca	840
aactactctt	gtctagaggt	gccaatatta	atgcttttga	caagaaagat	aggcgtgcta	900
tccattgggc	agcatatatg	ggtcacattg	aagtagtgaa	attgcttggt	tcgcatggag	960
ctgaagtgc	atgcaaggat	aaaaagtctt	atacacctct	tcagtcagca	gcctctagt	1020
gaatgatcag	cgtagtcaag	taccttctag	atcttgaggt	tgatatgaat	gaaccaaagt	1080
cctatggaaa	tacacctctt	catgtagcct	gctataatgg	acaagatgtt	gtagtgaatg	1140
aacttataga	ctgtggtgct	attgtgaatc	aaaagaatga	aaaaggattt	actcctttgc	1200
actttgctgc	tgcatcaaca	catggagcat	tgtgtttaga	gcttctagt	ggcaatggg	1260
ccgatgtcaa	tatgaagagt	aaagatggga	aaacccccact	acacatgact	gctctccacg	1320
gtagattctc	ccgatcaca	accattatcc	agagtggagc	tgtaatcgac	tgtgaggata	1380
agaatggaaa	tacccttttg	cacatagcag	cacggtatgg	ccatgagctg	ctgatcaaca	1440
ctcttattac	aagtgggtgct	gacactgcaa	agcgtggcat	acatggaatg	ttccccctcc	1500
atltggcagc	cttaagcggc	ttttcagatt	gctgcagaaa	acttctttct	tcaggatttg	1560
atatagatac	cccagatgat	tttggcagga	cttgtctaca	tgagctgca	gctggaggga	1620
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tctatcctgc	atcacttata	tgtaaatgat	gctgttacca	aaaacattaa	ggtagttcct	5280
gcgaatgcca	ccccactaag	aaaactat	cattactttt	gtaatccatc	tgtgagagtc	5340
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tgtctcaaat	ggatattgaa	ctacgccagt	attgttggaa	taagtacatt	aattacttga	5460
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ttcaggccct	gttctgtagt	gtttcttata	ctcacacaga	gtagaaaagc	ctgtttgctt	5580
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ccagcttctt	gctctagaac	tactttgggt	gaaatgggtg	taatagcaaa	tgacctcctt	5700
taacaagaca	ctcatctcaa	acaatgccat	ttagttcagg	agatctctaa	gtgtagctgt	5760
aaattttggg	gttaatttgg	cttatattgg	accttttaaa	agaaataaag	ttttttaatg	5820
caat						5824

<210> 7622

<211> 1695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (194)...(443)

<223> similar to gil345531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7622

cccacgcgtc	cggtagactt	cctggagccc	agagatgaga	agataaagat	gccgctccta	60
cgaggactgc	tgtggctcca	ggtgctgtgt	gcgggccctc	tccatacaga	ggctgtggta	120
cttctggttc	cttctgatga	tgggcgtgct	tttctgctgc	ggagccggct	tcttcatccg	180
gaggcgcatt	tacccccgc	cgctgatcga	ggagccagcc	ttcaatgtgt	cctacaccag	240
gcagccccc	aatcccggcc	caggagcccc	gcagccgggg	ccgccctatt	acaccgaccc	300
aggaggaccg	gggatgaacc	ctgtcgggaa	ttccatggca	atggctttcc	aggtcccacc	360
caactacccc	caggggagtg	tggcctgccc	gccccctcca	gcctactgca	acacgcctcc	420
gcccccgtag	gaacaggtag	tgaaggccaa	gtagtggggg	gcccacgtgc	aagaggagag	480
acaggagagg	gcctttccct	ggcctttctg	tcttcgttga	tgttcacttc	caggaacggt	540
ctcgtgggct	gctaagggca	gttcctctga	tatcctcaca	gcaagcacag	ctctctttca	600
ggctttccat	ggagtacaat	atatgaactc	acactttgtc	tcctctgttg	cttctgtttc	660
tgacgcagtc	tgtgctctca	catggtagtg	tggtgacagt	ccccgagggc	tgacgtcctt	720
acggtggcgt	gaccagatct	acaggagaga	gactgagagg	aagaaggcag	tgctggaggt	780
gcaggtggca	tgtaaagggg	ccaggccgag	catcccaggc	aagcatcctt	ctgcccgggt	840
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gcccagcagg	tcatctgctc	cagcctgtcc	tctcgtcagc	cttcctcttc	cagaagctgt	960
tggagagaca	ttcaggagag	agcaagcccc	ttgtcatgtt	tctgtctctg	ttcataatcct	1020
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tggggcctag	aatcaggctt	gccttggagg	cctgacagtg	atctgacatc	cactaagcaa	1140
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gctcttggtc	tgatttggag	aaaggactgt	tacccatttt	tttgggtgtg	ttatggaagt	1260
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tgactgacc	atgttgtcat	aattagaata	aagaagaagt	ggtcggaaat	gcacattcct	1620
ggataggaat	cacagctcac	cccaggatct	cacaggtagt	ctcctgagta	gttgacggct	1680
agcggggagc	tagtt					1695

<210> 7623

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (370)...(816)

<223> similar to gi3900848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7623

tccctttctc	tttctgcat	gatgtctgct	gccttcaatg	ccttgctgtg	ttgctgggga	60
tctgctctgt	ttagacttgg	ctgccggtgg	caccattttg	gcgtttaaca	cattttgtata	120
tgtggcacca	ttggggcttt	ggcaccattt	ggacttagct	gcctgtggag	ctgtttggaa	180
ctgagggata	gaacgcaagg	atctcactta	gcccagtggg	tggcagtcaa	ttaatggagc	240
gagtggctta	gtccttgtca	tgctgccaa	tgcaaggggc	tttccatgct	cagaatcacc	300

atgaagacga	gagctatctc	tcttgctgca	gacgccacgg	agtttgtgca	ggggcgcagc	360
gctccagcca	tggcgcgttc	gctcgtccac	gacaccgtgt	tctactgcct	gagtgtatac	420
caggtaaaaa	taagccccac	acctcagctg	ggggcagcat	caagcgcaga	aggccatggt	480
ggccaaggag	ctccaggcct	catgggtaat	atgaaccctg	agggcgggtg	gaaccacgag	540
aacggcatga	accgcgatgg	cggcgatgat	cccgaagggc	gcggtggaaa	ccaggagcct	600
cggcagcagc	cgcagccccc	gccggaggag	ccggcccagg	cggccatgga	gggtccgcag	660
cccgagaaca	tgcagccacg	aactcggcgc	acgaagttca	cgctgttgca	ggtggaggag	720
ctggaaagtg	ttttccgaca	cactcaatac	cctgatgtgc	ccacaagaag	ggaacttgcc	780
gaaaacttag	gtgtgactga	agacaaagtg	cgggttttgt	ttaagaataa	aagggccaga	840
tgtaggcgac	atcagagaga	attaatgctc	gccaatgaac	tacgtgctga	cccagacgac	900
tgtgtctaca	tcgtcgtgga	ctagcc				926

<210> 7624
 <211> 2872
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (192)...(2392)
 <223> similar to gi498723 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7624						
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tcgtagctaa	gacgccaggg	catcccggaa	gctgggaaat	gggactgttg	acattcaggg	180
atgtggccgt	agaattctct	ttggaggagt	gggaacacct	ggaaccagct	cagaagaatt	240
tgtatcagga	tgtgatgtta	gaaaactaca	gaaacctggg	ctctctgggt	cttgttgtct	300
ctaagccgga	cctgatcacc	tttttggaac	aaaggaaaga	gccttggaat	gtgaagagtg	360
aggagacagt	agccatccag	ccagatgtgt	tttcgcatta	taacaaggac	ctgttgacag	420
agcactgcac	agaagcttca	ttccaaaaag	tgatatcgag	gagacatggg	agctgtgatc	480
ttgagaatth	acatttaaga	aaaagggtgga	aaaggaggga	gtgtgaaggg	cacaatggat	540
gttatgatga	aaagactttt	aaatatgatc	aatttgatga	atcctctgtt	gaaagtttgt	600
ttcaccagca	aatactttct	tcttggtgcca	aaagctataa	ctttgatcaa	tataggaagg	660
tctttactca	ttcatcattg	cttaatcaac	aagaggaaat	agatatttgg	ggaaaacatc	720
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gctcaagccc	taaaaatcat	caggaaaatt	atthttctaga	aaaacaatac	aaatgtaaag	900
aatttgagga	agtctttctt	cagagtatgc	atgggcaaga	gaaacaagaa	cagtcttaca	960
aatgtaataa	atgtgtagaa	gtttgtaccc	agtcattaaa	acatattcaa	catcagacca	1020
tccatatcag	agaaaactca	tatagctata	acaaatatga	taaagatctt	agtcagtcac	1080
caaactctag	aaagcagata	atccataatg	aagagaaacc	atacaaattg	gaaaaatgtg	1140
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aacctataaa	atggaaagaa	tgtggcaagg	tctttaacct	taactgtagt	ttatacctta	1260
ctaaacagca	gcaaattgat	actggagaaa	acctttacaa	atgtaaagca	tgtagcaaat	1320
cttttactcg	ttcctccaat	cttattgtgc	atcagagaat	tcacactgga	gagaaaccat	1380
acaaatgtaa	agaatgtggc	aaagcctttc	gctgtagttc	ataccttact	aaacataagc	1440
gaattcatat	tggagagaaa	ccttataaat	gtaaagaatg	tggaaaagct	tttaaccgta	1500
gttcatgcct	tactcaacat	cagacaactc	atacaggaga	aaaactttac	aaatgtaaag	1560

tatgtagcaa	atcttatgct	cgttcttcaa	atcttattat	gcatcagaga	gttcatactg	1620
gagagaagcc	ttataaatgt	aaagaatgtg	gcaaagtctt	tagccgtagt	tcttgcctta	1680
ctcaacatcg	gaaaattcat	actggagaaa	atctttacaa	atgcaaagta	tgtgctaaac	1740
cttttacttg	tttctcaaat	cttattgtgc	atgagagaa	tcatactgga	gagaaaccct	1800
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acaatagcag	agaatataaa	ctgaaaaaat	ccatacaaat	attaaaaatg	tggcaaatta	2580
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aaaaatgtga	aaagttttat	tcaaaatata	aaacttatga	gtcacctagg	ggttcataga	2700
aaaaggaagt	ttgcagatgc	aataaatgtg	aggaagtatt	taataaaaaa	tgaagtctaa	2760
atgtgtcaga	gaattttatgt	gagaaaggac	taaagcacag	acactttcag	cctttatact	2820
aaataagagt	attttttgctc	agatatctta	aggcaaataa	tagtattttat	tg	2872

<210> 7625

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (103)...(641)

<223> similar to gi5326828 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7625

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ggaccctacc	tgacccatca	gcaaaagggtg	ttgcggcttt	ataagcgggc	gctacgccac	180
ctcagatcgt	ggtgcgtcca	gagagacaaa	taccgatact	ttgcttggtt	gatgagagcc	240
cggtttgaag	aacataagaa	tgaaaaggat	atggcggaag	ccacccagct	gctgaaggag	300
gccgaggaag	aattctggta	ccgtcagcat	ccacagccat	acatcttccc	tgactctcct	360
gggggcacct	cctatgagag	atacgattgc	tacaagggtcc	cagaatgggtg	cttagatgac	420
tggcatcctt	ctgagaaggc	aatgtatcct	gattactttg	ccaagagaga	acagtggaag	480
aaactgcgga	gggaaagctg	ggaacgagag	gttaagcagc	tgcaggagga	aacgccacct	540
ggtggtcctt	taactgaagc	tttgccccct	gcccgaagg	aagggtgattt	gccccactg	600
tggtggtata	ttgtgaccag	accccgggag	cggcccatgt	agaaagagag	agacctcatc	660
tttcatgctt	gcaagtgaag	tatgttacag	aacatgcact	tgccctaata	aaaaatcagt	720
gaaatggtca	aaaaaaaaa					739

<210> 7626
 <211> 997
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (846)...(161)
 <223> similar to gi573114 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7626
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 cctactgtgt gcattggctg ggcaaggggt ggtgttgggg gtagagttag cgttgctggc 120
 agggggagcc ggggtggatg tgaagcagcc cacagggtcag gcctccatat ctggaaagag 180
 caggaacccg gaaaagatgc tgttggcacc ctccatgccc agtagtgagt tcttgtcggc 240
 ggctgcagg aagacgttct cccctgctc cagcttgagg accatgccac cgggtggtgac 300
 ctggaagggtg ttgtaggcat agtcacagaa ggtgaccacc ttctgtgcac gctcccggcc 360
 acgcatgagg ttcacgcaca ggttcctcag agagctggcg tggtaggtga agtagtagag 420
 accgggcacc ttgcagggtga acttgccact gcggggctca taattgttgt tcatgttggt 480
 gatcacgtgg tcgaagcgga tggctctggtc ccggcgagg gggacgttga tggttcttgt 540
 ggagagaag gcatatttct ggggtggcctt gtagtctccc gattcacctt tggggcctgg 600
 ggctccaggg gcccctgggc cacccttagg gcccatgggg cccttggggc cgacttttcc 660
 tggattccca ggaatccctg ggtctccctt ctctccgaac tcaccatggt ctccagccag 720
 ccctggaagc cctttctctc cttttatccc tgggggtccca ggttggccat cggggccagg 780
 tgtcccaggg ataccggga tgccagggat ggctgggggc ccggtgcagc tgagctgggc 840
 ctgggagata tcgattaggc ccaggagcag gagcaacatc agtactggga tgctgccccca 900
 tgggatcttc atcatcatc tgtgtcagac gcctcctggg aagctggtgt cctgtgaggc 960
 cactgggctg agcagcagtg ggaccaggag ccgagag 997

<210> 7627
 <211> 3764
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (411)...(3263)
 <223> similar to gi5881961 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7627
 gagggctggg gctgggagat cccggcgga gcccggcag agcagtcgcc cgtgagcccc 60
 cgcaactcag acgcgctcgg cctcgcgctc cggggctggg accaccgagg gcgagctgca 120

gccttcgcca	cccgggtccgc	cgccgggactc	cgctccccac	aaacagcccg	gcaaggccct	180
tttccgcgc	tccctcatcc	agcgaagcct	ccttcccagc	ttccccggcg	gcggcgccgt	240
gacgtcactt	ccgtttctcca	gcgcgcacgt	gggaggaagt	gctggtgccc	tctgccgctg	300
ctcccgtctc	tttggttacg	ctcgtcagcc	gctggctcag	ccgcaagtac	ccgtccatca	360
tagtcaactg	cgtggaagag	aagggtgagga	ggcgccagcc	gtgtgccgct	atgggagtc	420
cggcgttctt	ccgctggctc	agccgcaagt	acccgtccat	catagtcaac	tgctggaag	480
agaagccaaa	agaattcaat	ggtgtaaaga	ttccagttga	tgccagtaaa	cctaatacaa	540
atgatgtgga	gtttgataat	ctgtattttg	atatgaatgg	aatcatccat	ccctgtactc	600
atcctgaaga	caaaccagca	ccaaaaaatg	aagatgaaat	gatggttgca	atttttgagt	660
acattgacag	acttttcagt	attgtaagac	caagaagact	tctctacatg	gcaatagatg	720
gagtggcacc	acgtgctaaa	atgaaccagc	agcgttcaag	gaggttcagg	gcatcaaaag	780
aaggaatgga	agcagcagtc	gagaagcagc	gagtcaggga	agaaatattg	gcaaaagggtg	840
gctttcttcc	tccagaagaa	ataaaagaaa	gatttgacag	caactgtatt	acaccaggaa	900
ctgaattcat	ggacaatctt	gctaaatgcc	ttcgctatta	catagctgat	cgtttaaata	960
atgaccctgg	gtggaaaaat	ttgacagtta	ttttatctga	tgctagtgtc	cctggtgaag	1020
gagaacataa	aatcatggat	tacattagaa	ggcaaagagc	ccagcctaac	catgacccaa	1080
atactcatca	ttgtttatgt	ggagcagatg	ctgatctcat	tatgcttggc	cttgccacac	1140
atgaaccgaa	ctttaccatt	attagagaag	aattcaaacc	aaacaagccc	aaaccatgtg	1200
gtctttgtaa	tcagtttgga	catgaggtca	aagattgtga	aggtttgcca	agagaaaaga	1260
agggaaagca	tgatgaactt	gccgatagtc	ttccttgtgc	agaaggagag	tttatcttcc	1320
ttcggcttaa	tgttcttcgt	gagtatattg	aaagagaact	cacaatggcc	agcctaccat	1380
tcacatttga	tgttgagagg	agcattgatg	actgggtttt	catgtgcttc	tttgtgggaa	1440
atgacttctt	ccctcatttg	ccatcgttag	agattaggga	aaatgcaatt	gaccgttttg	1500
ttaacatata	caaaaatgtg	gtacacaaaa	ctgggggtta	ccttacagaa	agtggttatg	1560
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gctccccgtc	tccattagga	ggaattaaagc	gaaaagcaga	agacagtgac	agtgaacctg	1920
agccagagga	taatgtcagg	ttatgggaag	ctggctggaa	gcagcggtag	tacaagaaca	1980
aattttgatgt	ggatgcagct	gatgagaaat	tccgtcggaa	agttgtgcag	tcgtacgttg	2040
aaggactttg	ctgggttctt	agatattatt	accagggctg	tgcttctctg	aagtggattt	2100
atccatttca	ttatgcacca	tttgcttcag	actttgaagg	cattgcagac	atgccatctg	2160
attttgagaa	gggtacgaaa	ccgttttaaac	cactagaaca	acttatgggg	gtatttccag	2220
ctgcaagtgg	taattttcta	cctccatcat	ggcggaagct	catgagtgat	cctgattcta	2280
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aggtataccc	agacctcact	ccagaagaga	ccagaagaaa	cagccttgga	ggtgatgtct	2460
tatttgtggg	gaaacatcac	ccactccatg	acttcatttt	agagctgtac	cagacagggt	2520
ccacagagcc	agtggaggta	ccccctgaac	tatgtcatgg	gattcaagga	aagttttctt	2580
tggtgaaga	agccattctt	ccagatcaaa	tagtatgttc	tcctgttctt	atgttaagggt	2640
atctgacaca	gaacactgta	gtcagtatta	attttaaaga	cccacagttt	gctgaagatt	2700
acatttttaa	agctgtaatg	cttccaggag	caagaaagcc	agcagcagta	ctgaaacctt	2760
gtgactggga	aaaatccagc	aatggacggc	agtggaaagc	tcagcttggc	tttaaccgtg	2820
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gaggctcagg	aactggcatt	tacagcaatg	ctgcaccacc	acctgtgact	taccagggaa	2940
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ggccccagga	ttcctggcga	ggtcctcttc	cccttttcca	gcagcaaagg	tttgacagag	3060
gcgttggggc	tgaacctctg	ctcccatgga	accggatgct	gcaaaccag	aatgcagcct	3120
tccagccaaa	ccagtaccag	atgctagctg	ggcctgggtg	gtatccacc	agacgagatg	3180
atcgtggagg	gagacaggga	tatcccagag	aaggaaggaa	ataccctttg	ccaccaccct	3240
caggaagata	caattggaat	taagcttttg	taaagctttc	ccaaatcctt	tcatcattct	3300
acagttttat	gctattttgtg	gaaagatttc	tttctcaagt	agtagttttt	aataaaaacta	3360
cagtactttg	tgtattttctt	ttaaactgtgt	atatttctac	tgatctgate	tactgtttta	3420
tgttgctttc	caaagatgta	tgttgcataa	tacagtggat	ctgaatttat	tattgcttat	3480
aaaacacatt	tgatggaata	ggagtactgg	tttttcataa	tggttaaaaa	tgaaccagc	3540

tgtggatttc	aaaacacagt	gtattctaga	tcattctaaga	tccatgctga	tttttattgc	3600
acaagaatta	ggtttgaact	cttgagctgg	aacctcagca	aactagagta	tatattgttc	3660
agtatttctt	tggaaacatt	tcattaatgt	acttgtctta	cagaaatttc	tgaacttttag	3720
taaaaaaaaa	taaagttaaa	cttttaaaaa	aaaaaaaaag	gggg		3764

<210> 7628
 <211> 3217
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3218)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3076)...(2478)
 <223> similar to gi4885694 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7628	
tttttttttt	ttactgatta agagcttaaa tgtttatttta aaacagaaat gccaaaccac 60
tccactctca	acctttcaag caacctggct aacaataaac tagttcttct gcaacaatgt 120
tagagcagag	gagtaactca ggttatactg taactcaaaa gcaatactac tagaaaactt 180
aaaacaccta	gcactgcata aagaaaaaaa gcaggacaaa atttaaagag aattagctac 240
agaaaaccat	tcaaaggcat ttctactgcc tcattcttta ctccatcccc ctttgaactg 300
gtttctgttt	gcatacttgt ttgggtggga aaaaaatcat atggctgtcc caggcacaat 360
atgggaaagt	gcaaactgtc tctaaggcac agaacttaga ttctcagcca gattaatagc 420
aaatctagac	ttcccaaggg aatatgctag agaaaatgac cacagcgttc cactgctagg 480
gaaaggctcc	cctatgaaca agaccagggc actcaccac ccccggcact cactttcacc 540
ccaccttctc	agcaacctgc ccatgtccat cagctccatg gcagaagcaa tcctcatgat 600
gaacacccca	aactgacccc agcctcctca ggccctgcct gagatgatga gcattaagaa 660
tacaggaaca	tgacagggtca atcggtccct caagaaaatc aaagttgcat ttacatgctg 720
aacccaaaac	cactgttaca gtttatgaca acccccgcaa gtccccagaa cttgcaactt 780
taatcaaagt	ttggctgctt cccttatttc aagaaaagggt ttcagtgatt acattagtag 840
taatgtacta	ggcttcccag aactgagaaa acaatgggaa catcaaacca aagaagatcc 900
cattgaacag	agttgcctgt cccgagcaat ggggttctcc ccaagcatca gcctttatgc 960
caccagtttt	ggagaaatgg caaaatttcc attgcacaag acctcccaca atgttgataa 1020
gattatcaaa	catttttggtc tggggaagat gaaacaaaat taatttagct gtttaatagg 1080
aagggtgggga	tgtgagactc atccaaagggt aggatgtgtg acacccaaaat accacaggaa 1140
ccattttaca	aggcctagggt ggaaatacaa agctcacatc cttaaggaaa ccatcaaata 1200
cttgccctag	aactttctat atgaagtttt gttcttctat gacactattt ctctttggta 1260
aagctagctt	gtttctatct acaaagacac agtgagtaca ggattagaag tgagctctca 1320
gccaaattcc	ttttgcaagt tctacctgtt ctggttaggct tcaggggactc ccagggtttg 1380
gtgctggctt	tgggcccactc aggtaggaaa aatgatacag attcattcgt taccacatgg 1440
cttcataaaa	cacccaaaagg ggaaaaatac tgactagaca ttcagaaaga aagtggttgg 1500
ggctgctgat	atcaagatca gaaccctaag agccatgaag gcagaggctc aaagaagtct 1560
tttcatgggc	agaagactga gagccctcta agccctctct aagataccaa gtagaggcag 1620
ctaaaggagg	acctcttctc cttcatgatt ttctcttaag gctattctga ctgccccatg 1680

gactcaattc	tctgagacac	ctcatccctc	agagacacct	catccccctca	tccacagtta	1740
ggaaatccca	ccctgcattg	gtcacagcct	gaaacaccag	ctgtgtgatg	aggagggtcc	1800
tgccctttct	ctattcctca	ctgaagaaat	ttcaatcaac	cctcagagga	aaagcaacct	1860
aagcctacct	ttcctcctaa	agcatttagc	tgcacagagt	aactgaactt	tttcgaaaca	1920
agccctagat	tgactccatc	agacatattt	tcttggaactc	aggggtccca	agagggccag	1980
actacttcac	cactctgcag	aggacactgg	gcggggccaca	cctgattcca	gcccaactcca	2040
actttacact	tctccctctc	ccacccagag	gggtaatgcc	tggtactgaa	ttcccaaggc	2100
agcttccaat	caatggtgaa	aatgatacat	gggatataag	ctgctaccag	cgcaattaag	2160
gtgagcactg	tgtctcctct	tcaaagggtg	gatcaacaga	tgaggtagag	agctgctggt	2220
gctatggcag	tcactgatga	caaagccagg	gccatggggg	cccttccatt	ctccaaaaca	2280
ataaaatcac	tcctagatcc	tatctaaaag	gcaatgccac	tctccaaatg	tacaaggaaa	2340
gtgcttcaga	gcctctgcct	tgcgctcctt	ttctgcaagt	gaacaaagcc	aggaaagctg	2400
ctctctgcat	tcggtaagt	tgtgtggaag	ttctttgggt	cccagtctcc	tgggggctct	2460
ataggctcag	gagactagag	gctgggtcta	caggagtctg	ttcccaggag	gcaccaggaa	2520
tctgaatcta	agtcaggctt	tggatccatt	tccatctctt	cctttgctgt	ctgagttcct	2580
ttggaatgca	tccccacctg	ctgccctcct	tctaatttct	tgttcaactt	ctgcagttgg	2640
gtaaaaatct	ggagggtttc	ttgctgtagc	ttctgttggt	cagccagaca	ctttaacacc	2700
agaccctgca	atctctcaac	ctccacctgc	agagagctgc	acgcacacgc	aggaggagtc	2760
agtgggtgtc	ccttcccagc	acagggttact	gcaggattca	gccgagggtga	cgaggcttct	2820
acttgggggt	tgtgttccaa	aggagcttca	gaggccactt	tgagtccttg	cagctcttca	2880
tagggcaggg	tatctttctc	agattctgaa	aacgctgcac	tgagaggaga	tgggctgtca	2940
ggcatgggga	taaattctgc	attttccagc	tcctttcgaa	gccagccagg	acaggagctg	3000
ctggccccat	tactgttccc	catggcctct	gtgggactga	ttaaaccttc	cattcctcgg	3060
tctgcttcca	ttgttcctcg	gaagcctcca	cttgggtcag	gagtttcaga	ttcctgctga	3120
ctgtcctctt	cttcaccacc	gccgcccccg	ccgcccgnnc	gcntgggtcg	ncgcgggtgc	3180
gaagaccac	ctacaggact	ctcattaggg	agcggcgc			3217

<210> 7629

<211> 1427

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (122)...(673)

<223> similar to gi3288888 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7629

acgcacgcaa	gcggctccag	ggtacgtccc	cgccacgcgc	gctcgcagga	tcggtgcgtg	60
gtgacgtttc	gccggcgcg	gcgccatccc	ggaagcgcg	gcaaggccgc	cagatgtgca	120
ggcagcggag	gaggagaaag	agatggacct	cccggactcg	gcctcgagg	tcttctgcgg	180
ccgcatcctg	agcatggtga	acacagatga	tgtcaacgcc	atcatcctgg	cccagaagaa	240
catgctggac	cgctttgaga	agaccaatga	gatgctgctc	aacttcaaca	acctgtccag	300
tgcccgcctg	cagcagatga	gcgaacgctt	cctgcaccac	acgaggaccc	tagtagagat	360
gaaacgggac	ctggacagca	tcttcgcgcg	tatcaggacg	ctgaaaggga	aactggccag	420
gcagcaccga	gaggccttca	gccatatccc	agaggcatcc	ttcctggagg	aagaggatga	480
agaccccatc	ccacccagca	ccacgaccac	cattgccacc	tcagaacaga	gcacgggctc	540
atgtgacacc	agccccgaca	ccgtctcgcc	ctccctgagc	cccggcttcg	aggacctgtc	600
ccatgtccag	cctggctccc	cagccatcaa	cggccgcagc	cagacagatg	acgaggagat	660

```

gacgggcgaa tagccctgct gcccggtgcc ttgagggggt ctcagggcag cagcatataa 720
ggtggcagcg ggtaaccctg ccttgttctg tcatccaggg ctccctttgct gccccgttct 780
gtcaccacag gctcctaggg ggacaaggct ctctcccag ggtgtgtgaa ttcctggggg 840
ggtctttaat tctgggctcc ttccttcctc agaacatctc tattctgcaa gaccctctg 900
ccatgccagg gcacgcccac tccagctgga gtcgtggggc tgggcacagg ggaatttttc 960
cagagctgag cctgacgtct gctctgaaga atgcttagaa ggttcccaga caccagagcc 1020
agatgtcccc caccaccggt caggacctcc ttgaggtgca caagcacggt ctctctgag 1080
ttcaccacag cccacccccg caccactaa ttctgtttt cctgcccctt gctccgtaaa 1140
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agacggaggc tggccatcca ttcagccctg agcgtgctga gttctgtgtt tctctgaata 1260
gaggtgtgga acctgagggg ccagcaggcc tctctgaagg cctccatgga gcaaacggag 1320
ccacctcggg aaagagttta atggaatatt tttgtaccg atgtttacag atgctgttgg 1380
gaagtattca ataaaaagac accattacta aaaagggaaa aaaaaaa 1427

```

```

<210> 7630
<211> 1077
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (927)...(513)
<223> similar to gi3395582 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7630
tttttttttt ttgattataa agcaagttta ttctgaagag ggattgtctt atgtttacgc 60
acagggaaga aataagagga aaccctcttt tcaacctctt tccccctca cagaaccgag 120
tccccaaagt ctcagcaaca tcatgcagtg ctccagcgcc ttactgggg accaaagatg 180
ttaggatcgt gaagggtcag actggtcacc agctgttcaa agtcacccag gctccagggt 240
gcaggtgaca gatttttcggg gccaaagat gacctgttgt cagggcttgg ggtgggggaa 300
cagatggaga cagaacatca tccaggcctg aggtttggaa attgccaatt cctgttcccc 360
agaggacctg ggtatcagtt accccaaacc tctggcccac tctgtcttcc ttggaggatc 420
ccaccagtga gtctccctgt tctgtccctc ccagcccgat tctcctggga acccagtcac 480
gagatacccc ccggttcctt cctccttacg ggggctgatt gaaggtaagc aagagatcag 540
tctggtactg gggcagcctc agcaaggcct gatgaagtgt cagtccttt gctacctgct 600
ggttttcctt agctatctgc tgcttgccag agaggacca ggcttcttga cagcggcccc 660
tcagggccag gttctccaaa ctgagaggct gaacagactc cacatggaca gccctagccc 720
cctgcacgcc accaacaacc tcaaagtgg accgcgcagc cgcttcgccc cgtacgtggg 780
cctgcagctc gagaagttcc actatcaggc tctgggtcgt cacgggatgg cagaaaactt 840
cttgattgtc cgggaccggt cggaggtcgc ttacgtcaat ggcccccatg gggaggatgg 900
cggaaaaggc gccccgaac agcgggcagt ctctcgtagg ctccatgggt ctgaggctgg 960
gttatgggca ttagaaagg ttaaaagaag tccacattgg gtcacgtggc atcggtctcc 1020
tgggtttcgc agctgccacc gccaccggg tctggcttag ctcccgatc ctttaag 1077

```

<210> 7631

```

<211> 1792
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (122)...(1119)
<223> similar to gi780261 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7631
attgatgcct tcggaccgcc cgttgagccc gtcgaccac gcgtccgccg gatctcattg      60
ccacgcgccc ccgacgaccg cccgacgtgc attccccgatt ccttttggtt ccaagtccaa      120
tatggcaact ctaaaggatc agctgattta taatcttcta aaggaagaac agacccccca      180
gaataagatt acagttggtg gggttggtgc tgttggtcatg gcctgtgcca tcagtatctt      240
aatgaaggac ttggcagatg aacttgctct tgttgatgtc atcgaagaca aattgaaggg      300
agagatgatg gatctccaac atggcagcct ttcccttaga acaccaaaga ttgtctctgg      360
caaagactat aatgtaactg caaactccaa gctggtcatt atcacggctg gggcacgtca      420
gcaagaggga gaaagccgtc ttaatttggg ccagcgtaac gtgaacatct ttaaattcat      480
cattcctaata gttgtaaaat acagcccga cgtcaagttg cttattgttt caaatccagt      540
ggatatcttg acctacgtgg cttggaagat aagtggtttt cccaaaaacc gtgttattgg      600
aagtggttgc aatctggatt cagcccgaat ccgttacctg atgggggaaa ggctgggagt      660
tcacccatta agctgtcatg ggtgggtcct tggggaacat ggagattcca gtgtgcctgt      720
atggagtgga atgaatggtg ctggtgtctc tctgaagact ctgcacccag atttagggac      780
tgataaagat aaggaacagt ggaaagaggt tcacaagcag gtggttgaga gtgcttatga      840
ggtgatcaaa ctcaaaggct acacatcctg ggctattgga ctctctgtag cagatttggc      900
agagagtata atgaagaatc ttaggcgggt gcacccagtt tccaccatga ttaaggggtc      960
ttacggaata aaggatgatg tcttccttag tgttccttgc attttgggac agaatggaat     1020
ctcagacctt gtgaagggtg ctctgacttc tgaggaagag gcccgtttga agaagagtgc     1080
agatacactt tgggggatcc aaaaggagct gcaattttta agtcttctga tgtcatatca     1140
tttactgtc taggctacaa caggattcta ggtggaggtt gtgcatgttg tcctttttat     1200
ctgatctgtg attaaagcag taatatTTTA agatggactg ggaaaaacat caactcctga     1260
agttagaaat aagaatgggt tgtaaaatcc acagctatat cctgatgctg gatgggtatta     1320
atcttgtgta gtcttcaact ggttagtgtg aaatagttct gccacctctg acgcaccact     1380
gccaatgctg tacgtactgc atttgcccct tgagccaggt ggatgtttac cgtgtgttat     1440
ataacttcct ggctccttca ctgaacatgc ctagtccaac attttttccc agtgagtcac     1500
atcctgggat ccagtgtata aatccaatat catgtcttgt gcataattct tccaaaggat     1560
cttattttgt gaactatatc agtagtgtac attaccatat aatgtaaaaa gatctacata     1620
caaacaatgc aaccaactat ccaagtgtta taccaactaa aacccccaat aaaccttgaa     1680
cagtgaaaaa aaaaaaaaag gggcggccgt tttaaaggat ccttgggggg gccaagttt     1740
acgcggggcat gcaaggtaat agctttttcc ttatagggag ccgtattata ac              1792

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```

<210> 7632
<211> 2271
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (37)...(1624)

```

<223> similar to gil79458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7632

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tcgctgctgc	tggcggcagc	gttcgcagga	cgggcgacgg	ccctctggcc	ctggcctcag	120
aacttccaaa	cctccgacca	gcgctacgtc	ctttaccgga	acaactttca	attccagtac	180
gatgtcagct	cggccgcgca	gcccggctgc	tcagtcctcg	acgaggcctt	ccagcgctat	240
cgtgacctgc	ttttcggttc	cgggtcttgg	ccccgtcctt	acctcacagg	gaaacggcat	300
acactggaga	agaatgtgtt	ggttgtctct	gtagtccacac	ctggatgtaa	ccagcttcct	360
actttggagt	cagtggagaa	ttataccctg	accataaatg	atgaccagtg	tttactcctc	420
tctgagactg	tctggggagc	tctccgaggt	ctggagactt	ttagccagct	tgtttgaaa	480
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<210> 7633

<211> 2108

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (383)...(1651)
 <223> similar to gi3878584 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7633
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ggcgtttggc gcggagcagt gacggctgcg ataatagcga ggagcagtg cagctttcag    180
agggtccggg ctacagagggg ctatgattcg gagggttctg ccgcacggca tgggccgggg    240
cctcttgacc cgagggccag gcacgcgcag aggaggcttt tctctggact gggatggaaa    300
ggtgtctgag attaagaaga agatcaagtc gatcctgcct ggaagtcct gtgatctact    360
gcaagacacc agccacctgc ctcccagaca ctccgatgtg gtgatcgtg gaggtgggg    420
gcttggtctg tctgtggcct attggctgaa gaagctggag agcagacgag gtgctattcg    480
agtgtctagt gtggaacggg accacacgta ttcacaggcc tccactgggc tctcagtagg    540
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tgctactggc ttcagtggtc acgggctcca gcaggccctt ggcatgggg gagctgtagc   1560
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cttttacttg ggagagaaga tccaggagaa caacatcatc tgagcatgtg tgctctgcac   1680
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gcacccatat ggctgggcag gcacaggcag tgaggccgag gccaatagcg agtgatgagc   1860
gggatcctag gactgatctg tagcccatgc tgatgtcacc caccagggca atccatctgg   1920
aggcctgagc accctggccc aggaactggc tcctctggc actgaccagg aaagactgcc   1980
tctgaccctc ttagcagaca gagcccaggc atgggagcac tctggggcag cctggctcag   2040
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aaaaaaaa

```

<210> 7634
 <211> 1464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (729)...(1335)

<223> similar to gi757907 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7634

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tgtccctttt	tggaaatgtg	cctgcggtcca	gggctgggtt	ggggcccat	tgaacttttg	180
ctctgacaca	gctgttgcca	cactcaacgg	aactgaatct	atgtttgtct	tccccggcat	240
ccttcacccc	aactctcccc	gccacaacat	acatcccatg	ccagcctggg	gacctcaaa	300
ggtggcttca	tcattagggt	tgtggctggg	tcctactgaa	gtaagtcttg	gcactcagag	360
ggataggaat	tgaatgaaga	catgagattc	ctctgcggga	ggcctctcta	ggaaatctgt	420
ggactcacac	gtttactaat	gttgcgtcag	ccccgcaccc	accttggcct	tgggcagcca	480
tactctaggg	cttttgtaac	ctctccatgt	gaggaaactca	aattagacct	gggtttggag	540
gcggtgctcc	gagctggcct	ttgggggagg	ttttgtgcga	ggcatttccc	aagtgtctgc	600
aggattgtgt	cacagacaca	gagtaaacct	ttgctgggct	ccaagtgacc	gcccatagtt	660
tattataaag	gtgactgcac	cctgcagcca	ccagcactgc	ctggctccac	gtgcctcctg	720
gtctcagtat	ggcgctgtcc	tgggttctta	cagtcctgag	cctcctacct	ctgctggaag	780
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cggttcagga	gatccaagca	accttctttt	acttcacccc	caacaagaca	gaggacacga	960
tctttctcag	agagtaccag	acccgacagg	accagtgcac	ctataacacc	acctacctga	1020
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acttgctgat	cctcagggac	accaagacct	acatgcttgc	ttttgacgtg	aacgatgaga	1140
agaactgggg	gctgtctgtc	tatgctgaca	agccagagac	gaccaaggag	caactgggag	1200
agttctacga	agctctcgac	tgcttgcgca	ttcccaagtc	agatgtcgtg	tacaccgatt	1260
ggaaaaagga	taagtgtgag	ccactggaga	agcagcacga	gaaggagagg	aaacaggagg	1320
agggggaatc	ctagcaggac	acagccttgg	atcaggacag	agacttgggg	gccatcctgc	1380
ccctccaacc	cgacatgtgt	acctcagctt	tttccctcac	ttgcatcaat	aaagcttctg	1440
tgtttggaac	agctaaaaaa	aaaa				1464

<210> 7635

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (387)...(634)

<223> similar to gi2772565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7635

caaaaatgta	aaattagcca	ggcgtggggg	catatgcctg	taatcctagc	tacgtgggag	60
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ccactgtatt	ccagcctggg	cagcagagtg	agatgctatt	tcaaaaaaat	aaagtaaatt	180
aaaaaaaaat	aagagccttt	gatggcaaat	gttagaaaaa	tatgtaaata	aaaacattgg	240
cacttttaaa	taggtcatcc	tgtcccaaag	aggtagtggt	tcccccaata	cccacagccc	300

```
ctcacacagg cgtgtgcgca cactctcacg gctcatggat cctgttttgg tgaaccggac 360
tgactttctt ttgcctgcca ctccagtgga tgatgaccaa acggaccaa gacatgggca 420
agttcagttc tgtcaccgtg tctaccattg atgaagagga agaggagatt gaggctaggg 480
aagttgctga ctcatatgca cagaatgccca aagtgattga aaaacagctg gagcgcaaag 540
gcatgagcaa gaggcgactg caagagctgg ctgaattgga agccaagaaa gcgaaaatga 600
aggggacctt gattgacaac cagttcaaat aaccaggcct ttttctaagc cctagactag 660
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tttaactgag tccatttaac ttgctttctt ttttttttgg gaaacaaagc tttgtttttt 840
ccccaggag ggagggcagg gggctaaaat ggccccactg aacccccacc ctctagcctg 900
gggaaaaaat tgagactttg tcttttcaaa aaaaaaaa 937
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<210> 7636

<211> 1609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(1078)

<223> similar to gil922935 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7636

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agaggcgggc cggcaccccc ttctgacctc cagtgcggcc ggccctcaaga tcagacatgg 180
cccagaactt gaaggacttg gcgggacggc tgcccgcggg gccccggggc atgggcacgg 240
ccctgaagct gttgctgggg gccggcgccg tggcctacgg tgtgcgcgaa tctgtgttca 300
ccgtggaagg cgggcacaga gccatcttct tcaatcggat cggtgaggat cagcaggaca 360
ctatcctggc cgagggcctt cacttcagga tcccttggtt ccagtaaccc attatctatg 420
acattcgggc cagacctcga aaaatctcct cccctacagg ctccaaagac ctacagatgg 480
tgaatatctc cctgcgagtg ttgtctcgac ccaatgctca ggagcttctt agcatgtacc 540
agcgcttagg gctggactac gaggaacgag tgttgccgtc cattgtcaac gaggtgctca 600
agagtgtggt ggccaagttc aatgcctcac agctgatcac ccagcgggac caggtatccc 660
tgttgatccg ccgggagctg acagagaggg ccaaggactt cagcctcatc ctggatgatg 720
tggccatcac agagctgagc tttagccgag agtacacagc tgctgtagaa gccaaacaag 780
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atcaaatatt acttccccgg gcttgcaagg taatagtttt tttatggggc cacctaaatt 1500
aaattccccg gccggctttt aacaacgtgg ggaggggaaa aaccctgggg taaccaaat 1560
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taatcgcttt gaaaaaaatc cccttttcgc caggggggga aaaaaaaaa

1609

<210> 7637
<211> 1945
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(714)
<223> similar to gi488750 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7637
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aattggagct gagaccaaga agaattgtca cctgaacgag aacattgaga aaggattatt 180
gcatcgagct tttagtgtct tcttattcaa caccgaaaat aagcttctgc tacagcaaag 240
atcagatgct aagattacct ttccagggtt ttttacgaat acgtgttgta gtcattccatt 300
aagcaatcca gccgagcttg aggaaagtga cgcccttgga gtgaggcgag cagcacagag 360
acggctgaaa gctgagctag gaattccctt ggaagagggt cctccagaag aaattaatta 420
tttaacacga attcactaca aagctcagtc tgatgggtatc tgggggtgaac atgaaattga 480
ttacattttg ttggtgagga agaattgaac tttgaatcca gatcccaatg agattaaaag 540
ctattgttat gtgtcaaagg aagaactaaa agaacttctg aaaaaagcag ccagtgggtga 600
aattaagata acgcatgggt ttaaaattat tgcagcgact tttctcttta aatgggtggga 660
taacttaaat catttgaatc agtttggtga ccatgagaaa atatacagaa tgtgaatatg 720
taggtaaatg attacagaaa aatttatctg cttacaaaac ttagaatgac tttttccttt 780
taaatttagt tctatcatta atttatcatt aaatttagtt ctatcatttg gtactatcat 840
taatgtatta tatacactga tactttaaaa cttgtgtgga aaaaactaac ttataatttt 900
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ttaccagtta gcaaagtctg tgttttcaga attacagtga gcacagaggt gttcataaaa 1440
tgggaattga gtccactcg gtaagagttg cttaaacttg aactgttgga catttgggct 1500
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ctcatgtgac acccacagtt atgccgagtg ttgccagatg cccctagggg acagagtcaa 1620
cccccaactg aggaccactg tcctacagag tcaggaaata ttgtaggag aaaaaataa 1680
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gaaacctcaa gacagattta ttattcttaa atgctgtatg ataatgaaga aaaataaaaa 1860
tttatttctt gcaaagttaa atgtttgtta aaattcaata ggaatgactc attttatggg 1920
ttaacttttg ggcaatttat aattt 1945

09483725.012100

<210> 7638
 <211> 2288
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (314)...(916)
 <223> similar to gi4559310 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00433725 "0.12.100

<400> 7638						
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cagggtctctg	tctcgcactt	cccagtggcc	ccagatgagc	cagtccaag	catgtggtgg	180
atcagaacag	attcctggaa	tagacataca	gctgaatagg	aagtatcaca	ccacacgtaa	240
gctttctact	accaaagatt	ccccacagcc	tgttgaggag	aaggttggtg	ctttcacaaa	300
gataatagaa	gccatgggat	tcacgggacc	tttgaaatac	agtaaataga	agattaagat	360
tgcggccctg	cgcatgtata	ctagctgtgt	ggagaaaact	gacttcgagg	aattctttct	420
aagggtgtcag	atgcctgata	cattcaattc	atggtttctt	ataaccctac	tccacgtctg	480
gatgtgtcta	gtccgaatga	agcaggaagg	ccggagtggg	aagtacatgt	gtcgtatcat	540
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tcctttaggg	gaagccccga	gcagagagtc	ccccagcaca	cactccccca	accccccca	1200
acaactacat	gtgactgata	gcttttccca	aaggccaagg	aaggggatgg	ggtaggtttc	1260
aaaagggaaa	ccccccaggg	gcctgctgtg	ggcttaggga	gcagattgta	atgctgccga	1320
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aaaagaaaaca	gagacttctc	tctgccatgg	cccttcttta	ttccagggac	ttagaaactt	1440
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aacttgctat	aaaatgagtc	atataaagaa	actctatatg	ggtgaggtat	atcccacttc	2040
tgtgaaaaca	ttacaaatca	aaccgcttct	ctcagtttat	ttaatgatgt	tttgttgcca	2100
gcggagctct	agagtgaagc	ctcctgtgtg	tgtgtgagat	aataacacct	tgtaactcat	2160
tacagctggg	cactattttac	ataaaccaga	gctgagccag	gcagggaattt	gctgattaat	2220
ttatttttaa	tggagtgaag	tataccatgc	acaaaaataa	actttactgt	gtgtacctaa	2280
aaaaaaaa						2288

<210> 7639
 <211> 2035
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1935)...(1046)
 <223> similar to gil78661 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7639
 gaggaacgca ggggtgtcacg cctgttttcag tttccccaag attcacgctg aaaacgcccc 60
 tctcccaagt gatggcgttg ggaagtgggg gtctttggga gtcattgagg ctcattgagg 120
 ggatcagtg ccttacagaa aggactccag agagcaccct ggcctcatcc atcatctgag 180
 gacacacagg gagaaggcgc catctagaag ccaggaactg ggtactcacc agagactgaa 240
 tctaccatac cttgggttttc tgggacctcc agcctccaga gctgagacat gagatcatac 300
 aaatgctctc agagagggta cagttaagtgc aggtgccctg gggctctcca gcatttatca 360
 gggagccccg ctacacttct gccagccttg gtttctaccc cccacctctt cccagctgtg 420
 accctgccct ctgtgccccg ggggtgcttg ggaggaggca gcaactgcaga ccaggaacgt 480
 gggccagcca cgggcagagc gtggcccat ctgcgtcccg tgggcccagc gccatctctc 540
 agacccagg ccgcccgttg ggagagggtg gtggccaggc agggaggacct ctgcgtctctc 600
 tgtttattgt tttgcagcag gaggcccaac atagaacata ctgccagta ctgggctgtg 660
 caaacacagg gctagcgtg aagtacaaat gggaaaacgt gattcttttg ttttaaataa 720
 atacttagaa cagcacttg ctcctacaag catctggact ctagggtctca gtactggagt 780
 gtctcaccca tgggccccac gcagggagcg cacggttccc tcccaccccg tgatcaagac 840
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 gccccccatg ccccgaggga cgttggaaca cgcacccttg aagaaggcct tccccccctc 1140
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 gcgcccggac tgcattcatca tgcgcgcgcg caccgtgtcg aaggggtagg acaccacgcc 1260
 ggccacggcc gtcacggtct gcgcgatcat ccagctcacc acgatgtgcg tgttcttggg 1320
 gtccggggagc atgcccttg ccgtatcgta cagccggaag taggccgccc ggtagatgat 1380
 gatgccctgc acggagacac tgaagccctg gtacaggccc cggtatgccg cggacttggt 1440
 gatcttcacc aggcagtctc ccaggcctcg gaactcgcgc tctgtgcctg actttccac 1500
 gtccgctgcc aggcgggttc tggcgaaatc cagcgggtac acgaagcaga gggagggtcg 1560
 gccggccgca ccgcccggag ccagggttgc cgcaaagtac ctccagaact gcgtgtgctt 1620
 gtccacgccc cccagggaaga tctgcttgta cttatccttg aaggcgaagt tgagggtctg 1680
 agtggggaag tagcgaatga cgttggaag gttgcccctc cagaaggaca gcacgcccctg 1740
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 ctgcttgctg gcgtgctgga cctgcagcag cagcttgacc cgctcgatcg gagccacggc 1860
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 ctgttccgtc atggtggcag ggccgggacg ggaacgggag gacagccgga gaacgggccc 1980
 ggagagtga tggaggggcg cgctggctca gccctgccgc cggcggacgc gtggg 2035

```

<210> 7640
<211> 1704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (131)...(1259)
<223> similar to gil724056 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

0943825.012400

```

<400> 7640
ttgacgctgc tgaatccgcc gagcaccctt ggcgtaaac cgcgggccgt caggggctgc      60
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gcctcagccc atggcccgga ggtatgatga gctgccgcac taccagga cgtggatgg      180
cccgagccc ctggctagct tcccagagac agtgcgcgca gtaccagggc cctatggccc      240
gcaccggcct cccagcccc tgccccagg cttggacagc gacggcctga agagggagaa      300
ggatgagatc tatggacacc cgctcttccc cctcttggcc ctgggtcttg agaaatgtga      360
actggctaca tgctctcccc gtgacggggc cgagactggg ctggggacac cccctggagg      420
tgacgtctgc tctcttgatt ccttcaacga ggacatcgct gcctttgcca agcaggttcg      480
ctctgagagg cccctcttct cctccaaccc agaactggac aatctggtga tccaggccat      540
ccaggtgctg cggttccacc tgctggagct ggagaaggct cagcacctgt gcgacaactt      600
ctgtcaccgc tacatcacct gcctcaaggg aaagatgccc atcgacctgg tcatcgagga      660
tcgggacggc ggctgcaggg aggacttcca ggactacca gcctcctgcc ccagcctccc      720
agaccagaat aatatgtgga ttcgagacca tgaggatagt gggctctgtac atttggggac      780
cccaggtcca tccagtgggg gcctggcctc ccagagtggg gacaactcca gtgaccaagg      840
agacgggctg gacaccagcg tggcctctcc cagtcttggg ggagaagatg aggacttggg      900
ccaggagcga cggcgaaaca agaagagggg gatcttcccc aagggtggcca ccaacatcat      960
gcgagcctgg ttgttccagc acctctcgca cccgtacccc tcggaggagc agaagaaaca     1020
gctggcgagc gacacggggc tcaccatcct gcaagtcaac aactggttca ttaacgcccg     1080
gagacgcata gtgcaaccta tgatcgatca atccaaccgc acagggcagg gtgcagcctt     1140
cagcccagag ggccagccca tcgggggcta taccgagacg cagccacacg tggccgtccg     1200
gcctccggga tcagtgggga tgagtttgaa cttggaagga gaatggcatt atctatagag     1260
gctgatgcag gagagaccca gcctccggct gtgaccccca gcctcacacc tgctctgggt     1320
tccgcctggg tcctccagct tcaggacccc acctccaaag gccctctctg tcaatgccta     1380
cctccctagg gccctgctgg gacatggggg cctgagtggc catccaaggg ctctcaagga     1440
caccggcaag gcctccaggc cctgagcccc acttctgect tcacctctgc ctgggacccg     1500
agctgggctc ctgggccttg gtccccagaa gatggcggct agggcctcgc cgccaggaca     1560
gagaagggac ggggtggctg ggcagtcagg gaaggagggt cgcccgatc cgacattttg     1620
gagagattcc ttcactctcc tgtccccctt acctcccttc tctaattttt tctttttttt     1680
aatgataaag tcttaaaaac acgg                                     1704

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```

<210> 7641
<211> 1440
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (364)...(1441)

<223> similar to gil724056 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7641

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cctgcggtcc ccggtgtgtc cgtctcggaa cggttcgatt ccctccagag ccggggaag 60
gacggggggg gccagagaa gggggcctcg ggcgccccgc ctgcgcctgc tgcccccgcc 120
ccggcggtaa tgcgtcctcg cccgtgacct ccgctggggg cgggggcccg ggtccatgcg 180
cggagtcctc acccgggccc gcgcctgccg ctaacgacgg cgggggtggg ggggcgcgcg 240
cctgacctcc tgccacaccc ctggcgctcaa caccgcgggc cgtcaggggc tgcgggcccc 300
ggctgcgccc tccccgcgg ccaggctctg gagggacca ggagctgccg ccggcctcag 360
cccatggccc ggaggtatga tgagctgccg cactaccag gcatcgtgga tggccccgca 420
gccctggcta gttcccaga gacagtgccg gcagtaccag ggccctatgg ccgcaccgg 480
cctccccagc ccctgcccc aggcttgac agcgacggcc tgaagaggga gaaggatgag 540
atctatggac accgctctt cccctcttg gccctggtct ttgagaaatg tgaactggct 600
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gatcgggatg gcggctgcag ggaggacttc gaggactacc cagcctcctg cccagcctc 900
ccagaccaga ataatatatg gattcgagac catgaggata gcgggtctgt acatttgggg 960
accccgagtc catccagcgg ggggctggcc tcccagagtg gggacaactc cagtgaccaa 1020
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gaccaggagc cacggcgaaa caagaagagg gggatcttcc ccaaggtggc caccaacatc 1140
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cagctggcgc aggacacggg gcttaccatc ctgcaagtca acaactggtt cattaatgcc 1260
cggagacgca tcgtgcaacc tatgatcgat caatccaacc gcacagggca ggggtgcagc 1320
ttcagcccag agggccagcc catcgggggc tataccgaga cagagccaca cgtggccttc 1380
cgggctccag catcagtggg ggatgagttt ggaactcgga aggaggaatg gcattatcta 1440

```

<210> 7642

<211> 2404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2043)...(665)

<223> similar to gi4092859 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7642

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tttttttttt ttatgtactt ggcctctctc ctgacgcctc acaccattaa gcatggagaa 60
aagggaaaaa gggcaaagga agtcaaaaaa ctgaactagg attcgggcaa cagcctcagg 120
ctgccaaca gaacaggctt ttaggggaact ggacacacag accagctgtg accctgactt 180
tcacattgat ggggtgaatgg caagtaggag gtaatgaaat ctggaaatga caggggagag 240
aaggcaaagc tgcctggagt gtcagtcccg gaggcatttg cccctctccc ccggggggcca 300

```

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gccagggact tcccagttca ggaaggccac aacacttgtg gcacattaat tccgagcttg 360
gccccgcttc tttcctgtgc cctctgcctc tgtgggcagg ggaaggagga aggggtgtgg 420
cccttaggat ctccaagtgc tcttccagct cccaggagca gggctgagat cccagagtca 480
gtgcaatgaa ctgtccattc cagtgaggaa aaggaggagg gtggcttcgg gactgcacat 540
cacacacaag cccactgcag cgtggggagg gtgggcatgg gacacaaaag ggtctggggc 600
tgtctccaga cagagaagtc cttgtgggga gctgaaccgg gcccaggtcc tgctcaggag 660
tcaggtcatg tagcgggtga tggcacggag ggcgtacagc agagcggctt gcatgcgcgc 720
ctccaggagc agcaagttca cgtggacctt ctctgagtgg cggaagtgcc tccagaagag 780
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agctgagggg gtcaccagca ggctctctga cttctccagc tcaaagcggc tctccatctc 1260
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cggagggacc gcccgaaatg aagccgggac tgggcgcgc cggggagctt ctagaacccc 2220
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actcttcccc cagtcgggct tcgggaacgg cgaaacgct cgggggcctg ggaagggccg 2340
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gcgc 2404

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<210> 7643

<211> 3797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2810)...(3031)

<223> similar to gi2970637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7643

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tttttttgtt	ttccgttccc	ctttcccctc	ccttccctat	ccccgacgac	cggatcctga	180
ggaggcagct	gcggtggcag	ctgctgagtt	tctcggtgaa	ggtatttcat	ttctactgtc	240
ccctcccctc	cccaccccat	ctattaatat	tattcttttg	aagattcttc	gttgtcaagc	300
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tgagctcctc	aatgtgggtg	tagagtctaa	actcatcctt	aaaggggtca	tactgctgat	660
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acagagagcc	attgctaaga	tcaagatggt	gggaacatc	aaattcattg	gagagcttgg	960
caagcttgat	cttattcacg	aatctatcct	tcataagtgc	atccaaacac	ttttggaaaa	1020
gaagaagaga	gtccaactcc	aagatatggg	agaggatttg	gagtgcctct	gtcagataat	1080
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tgtaatgttt	tcacaatatt	taaagcagaa	gcacgtcagt	taggatttcc	ttctgcataa	3180
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tggttggtgc	cgtaatagta	tattgcctgt	atttctacct	ctagtaatgg	gctttatgtg	3540
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gtctacttaa	tttatcaagt	catgttcatg	ccctgatttt	atatacttgt	atctatcaat	3780
aaacattgtg	atacttg					3797

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<210> 7644
<211> 5800
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (581)...(2550)
<223> similar to gil098569 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7644						
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actgttgtca	cacaatattg	cgttgctgaa	ttttccactg	attataattca	ttttatttcc	180
ttccagaact	tggtttcttg	tttttctgct	cactgtccac	acctactcca	ccccagggt	240
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<210> 7645
 <211> 1729
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1640)...(292)
 <223> similar to gi2589011 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7645	
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acgcagcagc	cgcacaggt
ggctcctgggt	gggccgggtg
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tgcaaggcac	gtaaaacttc
cagtttttata	agcaccaata
ccatggactt	cactgtcgca
tgccctgtccg	gcggcactgc
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cggaggagat	ggagcccggg
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ggtcaaaactt	ctcgaaggtc
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tccatggttc	gggagccagg
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gccttgcaag	cagtgcctct
gcttaggttg	gtgaggatct
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cccacaaaag	cgtccgagcc
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gaacccctca	cttgccacgt
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gggtcctcaa	gacagaggca

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1729

<210> 7646

<211> 2480

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (143)...(1081)

<223> similar to gill136396 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7646

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gatgaaggaa	gactgtctgc	cgagttctca	cgtgcccatc	agtgacagca	agtccattca	180
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tattgaactg	aaaaaaaaaa					2480

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<210> 7647
<211> 2469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (85)...(340)
<223> similar to gi289769 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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acgtcggacc	cacggctgcc	gtacaaagta	ctcagtgttc	ctgaaagtac	acctttcaca	180
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accaatgatg	gaataggaat	aaatcctgca	cagactgctg	gaaatgtttt	tctaaaacat	300
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aaagaattat	ggaccctgga	tggcaatttg	cttgatagca	tctgatttgc	agactcataa	780
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<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1389)...(532)
<223> similar to gi4191500 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7649

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aaggatttat	cttgatgact	tagaaaaata	cacctgtcct	ttctcacttt	gtttcaggta	420
gtacagtcac	gaaattgagt	aagtctctta	aaaaaatgaa	agtccacaga	tcccattgtg	480
gaaggtttca	ggaacccctc	cccaggtaat	gatcacggga	tcttcaacag	ctcaaggagt	540
gctccaacag	ctccaaaata	accctcgtgt	tccgaaaaaa	gtgctttcaa	ctgccccttg	600
gaccaataat	ccaaagcata	tgccaaaagc	cgcattggcg	tcgtattaat	tctcaagaaa	660
tttccaacaa	ataccacctg	gttaatgttt	tcattaaggg	cacacattct	tgctattgag	720
ccaatgttgt	tggtgatggg	gatcaaagtc	gctctggcca	ggctctcttt	actgacagcc	780
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tctccacgag	atgccatttc	aagagcttct	tcaaaagtgg	tacagccagt	aagaagacag	960
cagagacca	aaaaagttcc	tctccaaga	ctagtacctg	tgaccctgtt	gtaattatct	1020
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ggatttttca	aatcaaattg	taacttctga	cacttttcag	aatcagcagg	gttttcaaag	1140
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aagcaatcta	gttcatccag	tttgcaaagc	tgaagatcac	ctattgtgag	aaaatcctgc	1260
tcaaatattgt	acgctccacc	tccagtggca	caaaagacag	tgtggagact	cgagaagttt	1320
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agattgcctt	tgcgtccaca	cagagtcagg	tccttcagct	cgaggtgcac	gtcccgaatg	1440
cctgtagacc	cataagccac	attggagggt	aggtacttcc	gaatgctttt	aagactttcc	1500
acttcttctt	cttcttcttc	agcagtgatg	tctttgggtt	caaaatatac	cagcttgacc	1560
agagttccac	cgatatccag	tccaaacccat	ggaaaaagcg	gccgcttttt	cctcaggctt	1620
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gtgccctcag	cogaggcccc	gaccgcgggc	accgacgcgc	tgctcgcccc	gcgcccgcagt	1740
ggctcctgcc	gccgcccttc	gggggtcccc	gccgcctgct	ccccagccga	cgagacggag	1800
gtggcggaag	ccctgccgtg	gcgctccatg	ggcgcgccga	gccggccccg	tcccatccgc	1860
agcagcagtc	gctgccgccc	gagcaagccc	cccag			1895

<210> 7650
<211> 1943
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1748)...(0)
 <223> similar to gi4929691 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7650

tttttttttt	ttctttaatt	actttaatat	aaaagacagc	agtttcacat	ttcacatatt	60
tgaaaaacat	ttcaaaaccc	tctaacaagt	atttaatgaa	aataaattta	tcgaagagaa	120
acaatgacca	caaaattaat	actaccaa	cattactgag	actttttgca	ttacaatatt	180
tggagagtag	gtgaagaaaa	tatagaacag	aacatgaaca	ttttaaaatg	atattccacc	240
caagctttat	ctttttgcta	aatcttgtgg	acactagaat	atataattcaa	gatgttggtg	300
aagatattca	gcaagccata	cttcaaagat	gttaaaacag	ccctccacca	ataatatggc	360
attgcaaacc	cttctatccc	atcccttttc	agttaaaaga	gagaatatta	acagagattt	420
agtaatagtg	accaaataa	gaaatcagta	tagtcaagaa	agatatgtaa	ttattcaaca	480
tcatttggtg	cggatagatc	aatgcaactc	actaagtggg	caacattgtg	aggggagtg	540
gtaacatgat	tcagagtcct	gtgggtaaat	tcataatgaa	taattcttatt	ccaatcaatc	600
tgtaaagtaa	aagcactaca	tccacattaa	cattataaca	tcttacagta	atataaaagc	660
caaatcattg	ttggtacgtc	atcttcttta	aagtgaacaa	tttaagaaaa	cttcacaaga	720
gtctgcactt	tggaaagata	cgatcagagt	acacagtaga	gacaaaacag	gcatcttcat	780
tgtaattttt	tttaataaat	aaaagcacat	taacaaaaaa	ggaaggtaag	cagcaccgga	840
agcctttgac	gtttgtaact	aaatgctggg	actcaaattg	tctagctggg	taagtttcac	900
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agttcttcaa	atgtcctata	ctttggaaag	cagacccgac	tctggagcac	tcgccttaat	1080
tagattctga	atctccttga	atcttggtat	gtccttatca	gctaccagct	gaagcagaac	1140
agcctcactc	gtggtcacta	tgatcccggt	tcgagcgaga	cgctcgaggg	caaacatcct	1200
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aactagctcc	agggcagttt	gttggtatgca	cacatgagtt	tctactccaa	ataatacaac	1320
actcctgact	ccgggaatct	ctgctaatac	cgcttctact	tctggtaata	ccattgaaaa	1380
cttggtcttt	ggaagtacca	gttttacacc	tgtaaatca	atctcttgaa	ccgtgctccc	1440
aagaccttta	gggtattggt	ctgttacaat	aacaggaatt	cctaaaatcc	gggccccttg	1500
caacaatctc	tgtcccacgc	taataatatc	cccaaaatac	ttgatggctg	gtctgaacct	1560
ttcctgcata	tcacagcaga	aaaacacagt	gcttgaaggt	gtaagatttc	ccagggtagt	1620
gagctggatc	tgcagcggca	cgaggcgcac	cttgagcggc	tcgctcaccg	cgaagccctt	1680
gggcaagtcc	acgtactggc	cccactcctc	ggcgaacagc	tgacccacga	atttgcggtg	1740
catgtcgatc	tggtcgcccgt	acaggctgag	gaacttctgg	atgagcagct	cgtagcccg	1800
cccggtgtgg	accgacgagg	gtcgcgcgaa	gactgagaaa	cagaagagca	ccgggactgt	1860
gcccgaaggc	gccccgcgc	ccccggcgcc	gctgttgggg	agcgcaagga	ccgcgggctc	1920
cgcagccgcc	atgttccacg	aaa				1943

<210> 7651
 <211> 1540
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (1466)...(1129)
 <223> similar to gil710212 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7651					
ttttgacttt	caaaaaagtt	tttattgtag	taaaacacaa	aatttaccat	cgtgaccatt	60
taagggtata	gttcagtggc	attaagtaca	ttcaactttt	tgagcaaccg	ccatcaccat	120
tcatcatcca	tctccgtttt	tttgttttga	gatggagtct	cactctgtcg	cccaggttgg	180
agtgcagtg	catgatcttg	gctcactgca	acctcttctt	ccccagttca	agcaattctc	240
ctgcctcagc	cacccaagta	tctgggatta	caggcgtgca	ccaccacgcc	cggccaattt	300
tttttttcta	tttttagtag	agatggggct	tcaccacatt	ggccaagctg	gtctcaaact	360
cctggcctca	agtgatccgc	ccgcctcagc	ctcccaaagt	gttgggataa	caggcgtgag	420
ccaccatgcc	aggccatcgt	ctcctgaact	ttttcatctg	cccaaactga	aactctgtac	480
ccattaaaac	ataactcctc	actgccccct	cctccagtc	ctggcaaata	ccattctact	540
cctagagtac	tttcagactc	agtttcttct	ttcacttaat	aaaagacagg	gtccactgct	600
gactaatggg	attgtttgta	tatttggagg	ccttcttgca	gacctgtgta	tttgagttta	660
tggcagagaa	tggtaatagg	aaatgggatt	gtacaaagaa	aagagatgga	gagaaaactg	720
gatgagggtt	tgcgactggg	tgtcccaccc	acaggcctca	gcagccctgc	cacggatctg	780
cccgattctt	tgcgcatcaag	aagttgatct	tgcgagccat	ttccatgttg	tagatccgcc	840
ggcacctttc	atagcttttc	ctctgtcgct	ggcggcatgg	cttctcataa	taccgccgat	900
gcttaatgtc	ctcaatgagc	ccatccatag	tgaggattct	gtttagggtc	ctgtatgcgc	960
tttccacgtt	cccttctctg	accatcacag	tcttggcgat	gaacttcaga	tgttttgcca	1020
tgaccttgga	tttaaacctt	cactctgtag	agcctaaagg	atgatggaga	aagggcgagg	1080
aaagcagaaa	gagaaacgca	acataatata	aactacaccg	cgcggcttat	ttaggatttg	1140
gaaattcaac	atgctcaggg	acgcgcgaga	tgagcacat	ggaagtcata	ctagaaagta	1200
gacgtgaatc	gttgtctctt	attctcactg	ccagtccaaa	tcctcgcata	gagaagaaaa	1260
gagatggcag	cagggcggtta	ccacaaagac	gcgtcgccgg	gcatgagaag	gacacgagcg	1320
acaaggatgc	gccacagggt	cccaaccacc	acacatagtt	ccaaaagggg	ttgagttggg	1380
agttggggaa	ggactctttg	ttggtctttg	gaaaaggggg	cgaaagcccg	caaacctgcc	1440
ctctcgccaa	gccagccttc	ctttccccaa	acctgcaca	actcctcacc	tcgcgcgctc	1500
agtacgaaat	cgtcgacccg	ggagttccgg	agaagatcac			1540

```
<210> 7652
<211> 1780
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (39)...(940)
<223> similar to gi3403154 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7652						
tttcgtgccc	ccgggggctat	cggggccgatg	agcgacggggc	gccggggccag	aagcgggactc	60
ctagaagagg	ggagcagcaa	ggatggaatg	acagccgcgg	gccggaggggg	atgctcgaaa	120
gagctgagcg	gagatcctac	agggaatacc	gacctatga	gacagagagg	caggcagact	180
tcacagctga	gaagtttcca	gatgaaaaac	caggtgatag	gtttgatcga	gacagaccgt	240
tgagaggacg	tggaggcccg	agagggggta	tgcgcggcag	aggcagaggt	ggcctggga	300
acagagtttt	tgacgctttt	gaccagagag	gaaagcgaga	atttgaaaga	tatggtggga	360
atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	cgaacctggg	420

gatcgggtaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	cccacagtgg	480
tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	gagttggagg	540
tagaagaaga	aacccaagtt	caagagatga	ctttagatga	gtggaaaaat	cttcaagaac	600
agaccagacc	aaagcctgag	tttaacatcc	ggaaaccaga	atccactgtt	ccttccaaag	660
ccgtggtgat	tcacaagtca	aaatacacag	atgatatggt	aaaagatgac	tatgaggacg	720
attcccatgt	tttccgga	cccgccaatg	acatcacatc	ccagctggag	attaattttg	780
gtaacctccc	tcgtcctggg	cgtggagcca	gaggaggcac	ccggggaggc	cggggaagga	840
tcaggagggc	agagaactat	ggacccagag	cagaagtggg	gatgcaagat	gttgcccca	900
accagatga	cccggaagat	ttccctgcgc	tgtcttgaaa	gagccctgtt	tcccagcacc	960
gcggagctgc	actgcacacc	tgtggggaga	cttttccagc	tgggccaagg	gagtcagact	1020
ctaagaacaa	tagatgttgc	ttttcccggtg	tcatgtaaat	ttgttgcaact	tttttgggct	1080
gagctgttag	aggggcttct	ccagaggctc	gagagcaggc	catttcccaa	gaagatgaag	1140
aatggtgact	gtgtttttat	tgaagggaatt	tcaaatagaag	aataatgttt	aaaatgtgta	1200
tatagagata	gtatagactc	ctccgcggaa	gcatggaggg	aaaggagggtt	gtaaaataga	1260
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aaacacatag	agctggaact	gttaatggaa	agcagtcaca	gctgagtttt	cggagaccaa	1380
gaaattaaaa	tacaattgca	cttactgttt	acttgtaa	gttatcttct	ctcctggaat	1440
atthttgagtt	ctgggttttca	cttaaccaat	catttaaaaa	tcgctattgt	gtagccactg	1500
gccaccactc	tgtgacacag	aatcagagaa	agcgttgatt	tttaatgggtg	atttaaacta	1560
cctcgtgggt	tctgtgtgtg	tgcacacaca	catctagtgt	ttgggtgggt	tttaggaaga	1620
atattaagta	tgtgacttca	aaaaccatgt	tatttaacct	gccaatcaaa	tggaaaggga	1680
tcatggcaaa	agcaaatacc	gcaccccttt	cttccgcaga	actagagtca	gagttcggca	1740
gctgcgtaca	aaggcctctg	ccctcggctt	gagcaaaagt			1780

<210> 7653
 <211> 3190
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (93)...(2671)
 <223> similar to gi31106 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7653						
aaattcccg	gtcgacgatt	tcgtcgccgc	catcctcggc	gcgactcgct	tctttcggtt	60
ctacctggga	gaatccaccg	ccatccgcca	ccatggtgaa	cttcacggta	gaccagatcc	120
gcgccatcat	ggacaagaag	gccaacatcc	gcaacatgtc	tgtcatcgcc	cacgtggacc	180
atggcaagtc	cacgctgaca	gactccctgg	tgtgcaaggc	gggcatcatc	gcctcggcc	240
gggcccggga	gacacgcttc	actgataccc	ggaaggacga	gcaggagcgt	tgcatcacca	300
tcaagtcaac	tgccatctcc	ctcttctacg	agctctcgga	gaatgacttg	aacttcatca	360
agcagagcaa	ggacggtgcc	ggcttcctca	tcaacctcat	tgactcccc	gggcatgtcg	420
acttctcctc	ggaggtgact	gctgcctcc	gagtcaccca	tggcgattg	gtggtggtg	480
actgcgtgtc	aggcgtgtgc	gtgcagacgg	agacagtgtc	gcggcaggcc	attgccgagc	540
gcatcaagcc	tgtgctgatg	atgaacaaga	tggaccgcgc	cctgctggag	ctgcagctgg	600
agcccagga	gctctaccag	actttccagc	gcacgtgga	gaacgtgaac	gtcatcatct	660
ccacctacgg	cgagggcgag	agcggcccca	tgggcaacat	catgatcgat	cctgtcctcg	720
gtaccgtggg	ctttgggtct	ggcctccacg	ggtgggcctt	caccctgaag	cagtttgccg	780
agatgtatgt	ggccaagttc	gccgccaagg	gggagggcca	gttggggcct	gccgagcggg	840

ccaagaaagt	agaggacatg	atgaagaagc	tgtgggggtga	caggtacttt	gacccagcca	900
acggcaagtt	cagcaagtca	gccaccagcc	ccgaagggaa	gaagctgcca	cgcaccttct	960
gccagctgat	cctggacccc	atcttcaagg	tgtttgatgc	gatcatgaat	ttcaagaaag	1020
aggagacagc	aaaactgata	gagaaactgg	acatcaaact	ggacagcgag	gacaaggaca	1080
aagaaggcaa	acccctgctg	aaggctgtga	tgcgccgctg	gctgcctgcc	ggagacgcct	1140
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ccaaaggccc	tcttatgatg	tatatattcca	aaatggtgcc	aacctccgac	aaaggctcgg	1320
tctacgcctt	tggacgagtc	ttctcggggc	tggctctccac	tggcctgaag	gtcaggatca	1380
tggggcccaa	ctatacccct	gggaagaagg	aggacctcta	cctgaagcca	atccagagaa	1440
caatcttgat	gatgggccgc	tacgtggagc	ccatcgagga	tgtgccttgt	gggaacattg	1500
tgggcctcgt	gggcgtggac	cagttcctgg	tgaagacggg	caccatcacc	accttcgagc	1560
acgcgcacaa	catgcgggtg	atgaagttca	gcgtcagccc	tgttgtcaga	gtggccgtgg	1620
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ccgaccccat	ggtgcagtg	atcatcgagg	agtcgggaga	gcacatcatc	gcgggcgcgg	1740
gcgagctgca	cctggagatc	tgctgaagg	acctggagga	ggaccacgcc	tgcatcccca	1800
tcaagaaatc	tgacccggtc	gtctcgtacc	gcgagacggt	cagtgaagag	tcgaacgtgc	1860
tctgcctctc	caagtcccc	aacaagcaca	accggctgta	catgaaggcg	cggcccttcc	1920
ccgacggcct	ggccgaggac	atcgataaag	gcgaggtgtc	cgcccgtcag	gagctcaagc	1980
agcgggcgcg	ctacctggcc	gagaagtacg	agtgggacgt	ggctgaggcc	cgcaagatct	2040
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agtacctcaa	cgagatcaag	gacagtgtgg	tggccggctt	ccagtggggc	accaaggagg	2160
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tcaacgagtc	ctttggcttc	accgctgacc	tgaggtccaa	cacgggcggc	caggcgttcc	2520
cccagtgtgt	gtttgaccac	tggcagatcc	tgcccggaga	ccccttcgac	aacagcagcc	2580
gccccagcca	ggtggtggcg	gagacccgca	agcgcaagg	cctgaaagaa	ggcatccctg	2640
ccctggacaa	cttcctggac	aaattgtagg	cggcccttcc	tgcagcgcct	gccgccccgg	2700
ggactcgcag	caccacacgc	accacgtcct	cgaattctca	gacgacacct	ggagactgtc	2760
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aaaggggaaa	ggaacacgcg	ggtagatgat	ttctagcagg	caggaagtcc	tgtgcgggtg	3120
caccatgagc	acctccagct	gtactagtgc	cattggaata	ataaatttga	taagggtggtg	3180
aaaaaaaaaa						3190

<210> 7654

<211> 2132

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (122)...(1648)

<223> similar to gi619877 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gatgcagcgt ctgttgactc cagtgaagcg cattctgcaa ctgacaagag cgggtgcagga      180
aacctccctc acacctgctc gcctgctccc agtagcccac caaaggtttt ctacagcctc      240
tgctgtcccc ctggccaaaa cagatacttg gccaaaggac gtgggcatcc tggccctgga      300
ggtctacttc ccagcccaat atgtggacca aactgacctg gagaagtata acaatgtgga      360
agcaggaaaag tatacagtgg gcttggggcca gacctgatg ggcttctgct cagtccaaga      420
ggacatcaac tccctgtgcc tgacggtggt gcaacggctg atggagcgca tacagctccc      480
atgggactct gtgggcaggc tggaagtagg cactgagacc atcattgaca agtccaaagc      540
tgtcaaaaca gtgctcatgg aactcttcca ggattcaggc aatactgata ttgagggcag      600
agataccacc aatgcctgct acggtggtac tgccctccctc ttcaatgctg ccaactggat      660
ggagtccagt tcctgggatg gtcgttatgc catggtggtc tgtggagaca ttgccgtcta      720
tcccagtggt aatgctcgtc ccacaggtgg ggcgggagct gtggctatgc tgattgggcc      780
caaggccctc ctggccctgg agcaggggct gaggggaacc catatggaga atgtgtatga      840
cttctacaaa ccaaatttgg cctcggagta cccaatagtg gatgggaagc tttccatcca      900
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gtggaagcaa gctggcagcg atcgaccctt cacccttgac gatttacagt acatgatctt     1020
tcatacacc ttttgcaaga tggccagaa gtctctggct cgcctgatgt tcaatgactt     1080
cctgtcagcc agcagtgaca cacaaaccag cttatataag gggctggagg ctttcggggg     1140
gctaaagctg gaagacacct acaccaacaa ggacctggat aaagcacttc taaaggcctc     1200
tcaggacatg ttcgacaaga aaaccaaggc ttccctttac ctctccactc acaatgggaa     1260
catgtacacc tcaaccctgt acgggtgcct ggccctcgct ctgtcccacc actctgcca     1320
agaactggct ggctccagga ttggtgcctt ctcttatggc tctggtttag cagcaagttt     1380
cttttcattt cgagtatccc aggatgctgc tccaggctct cccctggaca agttggtgtc     1440
cagcacatca gacctgcaa aacgcctagc ctcccgaaag tgtgtgtctc ctgaggagt     1500
cacagaaata atgaaccaa gagagcaatt ctaccataag gtgaatttct cccacctgg     1560
tgacacaaac agccttttcc caggtacttg gtacctggag cgagtggacg agcagcatcg     1620
ccgaaagtat gcccggcgtc ccgtctaaag gtgttctgca gatccatgga aagcttctctg     1680
ggaaacgtat gctagcagag cttctccccg tgaatcatat ttttaagatc ccactcttag     1740
ctggtaaatg aatttgaatc gacatagtag ccccataaag atcagccctt gtagagttag     1800
ggagccatct cctagccggg cccttcattc cctctcccat gcctgcaatc actgtcctgg     1860
gcttatggtg cctatggact aggggtcctt tgtgaaagag caagatggag caatggagag     1920
aagacctctt cctgaatcac tggactccag aaatgtgcat gcgagatcag ctgttgccct     1980
caagatccag ataaactttc ctgtcatgtg ttagaacttt attattatta atattgttaa     2040
acttctgtgc tgttcctgtg aatctccaaa ttttgtacct tgttctaagc taatatatag     2100
caattaaaaa gagagaaaaa ggaaaaaaa aa                                2132

```

<210> 7655

<211> 1464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (729)...(1335)

<223> similar to gi757907 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7655

```

caagcaagct gcctgctcag atggcagggg atgggggaaa acaggggagac agtttcctgt      60
ttgagatggt gggagatgct tcgagtagta ttttactggt aaatagacat tcaacttgga      120
tgtccctttt tggaaatgtg cctgcgtcca gggctgggtt ggggccccat tgaactttgg      180
ctctgacaca gctgttgcca cactcaacgg aactgaatct atgtttgtct tccccggcat      240
ccttcacccc aactctcccc gccacaacat acatcccatg ccagcctggg gaccctcaaa      300
ggtggcttca tcattaggtt tgtggctggg tcctactgaa gtaagtcttg gcactcagag      360
ggataggaat tgaatgaaga catgagattc ctctgcggga ggcctctcta ggaaatctgt      420
ggactcacac gtttactaat gttgctgcag ccccgacccc accttggcct tgggcagcca      480
tactctaggg cttttgtaac ctctccatgt gaggaactca aattagacct gggtttgag      540
gcggtgctcc gagctggcct ttgggggagg ttttgtgcga ggcatttccc aagtgtctgg      600
aggatttgtt cacagacaca gagtaaaact ttgctgggct ccaagtgacc gcccatagtt      660
tattataaag gtgactgcac cctgcagcca ccagcactgc ctggctccac gtgcctcctg      720
gtctcagtat ggcgctgtcc tgggttctta cagtcttgag cctcctacct ctgctggaag      780
cccagatccc attgtgtgcc aacctagtag cggtgcccac caccaacgcc accctggacc      840
ggatcactgg caagtgggtt tatatcgcat cggcctttcg aaacgaggag tacaataagt      900
cggttcagga gatccaagca accttctttt acttcacccc caacaagaca gaggacacga      960
tctttctcag agagtaccag acccgacagg accagtgcac ctataacacc acctacctga     1020
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acttgctgat cctcagggac accaagacct acatgcttgc ttttgacgtg aacgatgaga     1140
agaactgggg gctgtctgtc tatgctgaca agccagagac gaccaaggag caactgggag     1200
agttctacga agctctcgac tgcttgcgca ttcccaagtc agatgtcgtg tacaccgatt     1260
ggaaaaagga taagtgtgag ccactggaga agcagcacga gaaggagagg aaacaggagg     1320
agggggaatc ctagcaggac acagccttgg atcaggacag agacttgggg gccatcctgc     1380
ccctccaacc cgacatgtgt acctcagctt tttccctcac ttgcatcaat aaagcttctg     1440
tgtttggaac agctaaaaaa aaaa

```

<210> 7656

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (746)...(161)

<223> similar to gil741870 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7656

```

tttttttttag accaacattc tttaatcaca aaggcacttg aggacccta caaacccaaa      60
gtctctgcca agagtggccc tgcagacgcc ccacctgcca ccctccatcc acccatccat      120
ccacacactc agagttcatc gtgacctgca gagggctcca cactaggctt gatgaagatg      180
ccttccatgg ccttccacgt attgtgctgt ttggcacttg gcatgccgtg gacctcatgc      240
tgcccacgga tggggcttcc atactgctca cccgtgactg acaggaacac agaggtgccc      300
acatgctgga agcgcacagc agcctcacgc tccagtgct gtccagagca gcgcactgtc      360
cataggtcca ggtcgtcgcc ctgcgcgtct tccccaaagg cactcacctc ctggttgttg      420
gacagcgggc acgggaagtg gtgcgtgtgc aggttcttgc ccgtaagcac atgcgtgagc      480
ctcaccgctt gcccgacgag caccggggac ccgcgcgggc acccgccctc cgagccgccg      540
cggatccgcc agtagctatt ggcgtcgtcc gacgcctcta cgccggtcac cgattgctgg      600

```

```

ccgctgccgg atccgtatatt gatgtcgtgc gagtgcagcc gcacgcggtg gtgcgtattg 660
agcagcttca gcaccgaccc gcaggtcacg agctccgcac cggctcttggc ggaccaccg 720
cccggcacta acagcgccag cagcagcccc aacagcaccg gccaggcagc cccgccgcgg 780
cccgcgctcc acatcgcccc g 801

```

```

<210> 7657
<211> 1591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1542)...(146)
<223> similar to gi4323640 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7657
tttttttttt ttgccaattc agttctttac tggagtggaa gggctgggga cacaactcct 60
ttatgaaagg aaaccgaggg ccacatctcg ggcccacac tggggcggtc aatccagccg 120
ctgctccggg gcggcttggt ctacaggccac tctcttccct gggcggcccc ggccccggcc 180
tcgcccacca tcccgggaag cccctctggg ccccgccctg gcctgggctc cctgggactt 240
gtccttggtc ttgggaaact tctggtcaca aaggcgaccc ctgcctcgat ccatttccca 300
ccgcttccgc ttccgcctcg gagacttggt aagccgtttc tgcttggcct cggggaacag 360
gtcctcactg ggcgcctcgc ccaccgcctg gcagaaatac tcgatgtcat catcttccctg 420
ttcatcatcg tcttcacca actccaggct cgcctgctt gaagggatcc cagaggcctc 480
ttcatcacta ccccgaccc gtgccttctt catgccctcc aggctcttct ttctgtgggc 540
ctcccgtgc tctgcttggt gctgcacatt ctgggcctgc tgggcctgcc tctgcgcctt 600
cagccgcagc ttcttctcct tggcttccag gatggcctgc agctcctcct ccgtcttgct 660
cacaaaactg tggaaacatca ctttgccctc cccgacgccc tccctggacct tgatgagctg 720
cagtgtcatc cgcggggccga tctcggtgag ccgcactgca ctctgctggg cccgcatggt 780
gccacggcca gcgacagcct gaggcagctc tgtgatgttg tggtcgccgt caggctctgc 840
ctcgctctcc gacagccccg cgcctgtggc cagcagctcg ctgatgtcct gcaggcggct 900
catgttgggg aacttctcct ggagcagctt cttcatcccg cgactcgcgc ccacaggaac 960
aactttgatg ctatagtggc ggaagtccag ctccctgggag tcgggggttg agtcgatgag 1020
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ctggaacatg gtggccatga gcttcacatg cataccatgg gggccaaagc tgttgagtac 1140
caggaggggt ggggtgggcaa actgctgctc gtgcatgcgg tgccggcgca gtgaggagac 1200
cacatcacgc accagcgagt acttcttcac ctggaagggtc aagggtggggc ctccctgggag 1260
gcgcatcagc ttaaagtaga catttgtctc tgttttgctc aggatcagaa agtgtgtgac 1320
cccgaggggc ccagccactg ccacgcagtc cttcagcgag ttcttcttac gaacctgcag 1380
acggctggca gtgagcggct ccatgacccg ccgcacgtcc aggctgagct gccggatggt 1440
gcgacccgtg cagcctcgcg tgaacacgaa cgagtgcggg ttcgcggcat aggcctcgag 1500
gttgccggagc tgcgcctggg cgcgggcgcg cttctggtgc cgggacctcc ctgactgtcc 1560
catgctgctg tgtcctccac gaggcacgaa a 1591

```

```

<210> 7658

```

<211> 3738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (356)...(1577)
 <223> similar to gi5459205 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7658

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aaggttttga	taggtgggcc	ttagaggaga	cgccgccgag	caccgcaaga	actggaaaac	120
acacccctct	ctgtctgcct	gggagagcca	cgaaaattgg	cacttctctg	agtgaagctg	180
aggagaaggc	tgtaaatctg	ccaaaacagc	cttgaagtat	tcttttgtca	tgaggaagtg	240
acggctgctg	gagggaggtg	aacaccacaa	ggagagatgg	catctggcct	gggccccgcc	300
tagcagcagc	tccacctcct	aggccaggcc	ctgtgggatg	cgccactaga	ccaccatgga	360
cggatcccac	agcgcagccc	tgaagctgca	gcagctgcct	cccacaagta	gctccagcgc	420
cgtaagcgag	gcctccttct	cctacaagga	aaacctgatt	ggcgccctct	tggcgatcct	480
cgggcacctc	gtggtcagca	ttgcacttaa	cctccagaag	tactgccaca	tccgcctggc	540
aggetccaag	gatccccggg	cctatttcaa	gaccaagaca	tggtggctgg	gcctgttcct	600
gatgcttctg	ggcgagctgg	gtgtgttcgc	ctcctacgcc	ttcgcgccgc	tgtcactcat	660
cgtgccccctc	agcgcagttt	ctgtgatagc	tagtgccatc	ataggaatca	tattcatcaa	720
ggaaaagtgg	aaaccgaaa	actttctgag	gcgctacgtc	ttgtcctttg	ttggctgcgg	780
tttggtgtgc	gtgggtacct	acctgctggg	gacattcgca	cccaacagtc	acgagaagat	840
gacagggcgag	aatgtcacca	ggcacctcgt	gagctggcct	ttccttttgt	acatgctggg	900
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tgtcgtgatt	cttctcttgg	tggcgttact	tggctccatg	acagtgggtga	cagtcaaggc	1020
cgtggctggg	atgcttgtct	tgtccattca	agggaaacctg	cagcttgact	accccatctt	1080
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cattgctatc	acagcagggtg	caatatttta	cctggacttc	atcggggagg	acgtgctgca	1260
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taacaggaag	aagcccattc	catttgagcc	ctatatattcc	atggatgcca	tgccagggtat	1380
gcagaacatg	cacgataaag	ggatgactgt	ccagcctgaa	cttaaagctt	ctttttccta	1440
tggggctctg	gaaaacaatg	acaacatttc	tgagatctac	gctcctgcca	ccctgccagt	1500
catgcaagaa	gagcacggct	ccagaagtgc	ctctggggtc	ccctaccgag	tcctagagca	1560
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gccattttat	gtgttatatt	ttttcctgca	taccagtgcc	ccctggaaaag	atggggatgc	2460
tcatttcaga	gacagcctct	tcacctgtcc	tccgtctctc	cattacagag	ccacaagcca	2520
agcttgagtt	actggttaat	ttccttgaag	tcaatagaga	ctctctgggt	cctcatcccc	2580

09433725.013100

```

atgcatatat gtctgggaga agcaagcatt ctccaaaaca gggctgttgc tttcttcctg 2640
gccgcatatg tgactgtctt cccctagact gatggtatac ttttgagagg ggcggataaa 2700
ggtttgcaaa ctttaatggg cataaggatc ccctagaagc atatgtaaaa tgcagattcc 2760
tgcaccccaa ctgcagacac tgttaagtgg gactggagtg gggcccacgg gtctgcattc 2820
ttaactggta ccaccagtga ttctgatgcg atgcttcaat cccgagattt cacatctgga 2880
aagcctaaga atttacaaag atgttctgct aaaaccccca gggcccatg cagtcttgct 2940
agaaaatttc ctccctaggg ttcccttgga aggttaaata ctcccatag gatctgtggc 3000
atttctccat ccaatgaata ctacttagag ctacactcac cacttcccta gacagccttt 3060
aataggcatg ataacagtgt taatagacca gtgtgataga tcacttatct ttatggattg 3120
tgcttaatac tgatttagta tcttgactcc aaaaactgac atctgttgtc tgtgataacc 3180
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ccaggccagc agagggaggc acaaatatccc aggaatctct gatgggtgtg aagtgcggtc 3420
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aaaggcacag agctaagagg agctgggcaa agaaaggaaa gccaggaag gttggtggga 3660
gatgagtctc aaagctaagt agtggaagct gggcacagtg gctcatgcct gcaatcccag 3720
cacttttggg aggccaag 3738

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```

<210> 7659
<211> 1963
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (307)...(728)
<223> similar to gi671531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7659
tttcgtgcgg cagcgcgcca gagactggcg ggcagctccg cccgcggccg ggatgcacta 60
ggcaaagcca gctgggctcc tgagtccggt gggtaacttg agaacttact acgtctagct 120
ggaggattgt aaatgcacca atcagcatgc tgtgtctagc tcaagaactc aagctccatg 180
aggagatggt tcattgtcga gagcagtcac gatggcctgc actccacaca atgcaacaga 240
gtgaaagagc aggttctgct tctttggtgt agtcctgaag cttcctaaga aacttcacat 300
caggtgatgg ataggagcaa ccctgtaaaa ccagccttag actatttttc aaacaggctg 360
gtgaattacc agatctccgt caagtgcagt aaccagttca agttggaagt gtgtcttttg 420
aatgcagaaa acaaagtcgt ggacaaccag gctgggaccc agggccagct gaagggtgctg 480
ggtgccaaacc tctggtggcc gtacctgatg cacgaacacc ccgcctacct gtactcgtgg 540
gaggatggtg attgctcaca ccaaagcctt ggaccctcc cagcctgtga cttttgtgac 600
caactccacc tacgcagcag acaagggggc tctgtatgtg gatgtgatcc gtgtgaacag 660
ctactactct tggatctgca actacgggca cctggagttg attcagctgc agctggccgc 720
ccagtttgag aattggtgta agacatcaca atcccattat tcagagcgcg tatggagtgg 780
aaacgcttgt agggcttcac cagtctttcc cagggaactc cgatgaagtg ttccaacaaa 840
atgagcgagt gaaccaagaa gaggatgaca ttagatccag gagatacaac agaggagata 900
atctccagga tgctgtgaa gaaagatccc tggatcccag gatgattata ggacaagttg 960
ttcataatcc agcaggccag aagacttcca gggaaactca ttcaaggagg tgaaaatgat 1020

```

```

ggatgactcc tccaagatga aaatggacca gccgcagtgg ctcacgcctg taataaccagc 1080
actttgggag gctgaggcag gcggatcact tgagcacagg agtttgaaac tagcctggcc 1140
aacgtggcaa aactccatct ctattaaaaa tacaaaaatt agccaggcat agtgggtgcat 1200
gcctgtagtc ccagctactt gggatgctga ggcaggaaga attgcttgaa cctgggaggc 1260
agagtctgca gtgagctgtg atcaggccat tgcattccag cctgggtgac agagtgagac 1320
catcacaaaa aaaaaaaaaa aaacaaataa ataaataaat aaataaataa ataaataaaa 1380
aatctggacc tcccaccaag ggtgggaaac atcagaaaagc tcagaggacc acacctgccc 1440
gttcacctgt cctgggctcc tgctgaagcc agggctacca gatgggggca aaagacctcc 1500
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catcaggtag ggccaccaga ggttggcacc cagcaccttc agctggccct gggcccagc 1620
ctgggtgtcc acgactttgt tttctgcatt caaaagacac acttccaact tgaactggtt 1680
actgcacttg acggagatat ggtaattcac cagcctgttt gaaaaatagt ctaaggctgg 1740
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acaccaaaga agcagaacct gctctttcac tctgtttcat tgtgtggagt gcaggccatc 1860
atgactgctc tcttgagcta gacacagcat gctgatttgt gcatttacia tcctccagct 1920
agacgtagta agttctccaa gtaccacacc gccacgcgt ccg 1963

```

```

<210> 7660
<211> 907
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(779)
<223> similar to gil90508 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7660
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gccctgctgg ccctgagctc agctgagagt tcaagtgaag atgtcagcca ggaagaatct 120
ctcttcctaa tatcaggaaa gccagaagga cgacgccccc aaggaggaaa ccagccccaa 180
cgtcccccac ctctccagag aaagccacaa ggaccacccc cacaaggagg aaaccagtcc 240
caaggtcccc cacctcctcc aggaaagcca gaaggacgac cccacaagg aggcaaccag 300
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cagtcccaag gtaccccacc tctccagga aagccagaag gacgaccccc acaaggaggc 420
aaccagtccc aagggtcccc acctcctcca ggaaagccag aaagaccacc cccacaagga 480
ggtaaccagt cccaccgtcc cccacctcct ccaggaaagc cagaaagacc acccccacaa 540
ggaggcaacc agtcccaagg tccccacct catccaggaa agccagaaag accacccccca 600
caaggaggca accagtccca cgtccccca cctcctggaa agccacaagg cccacccccca 660
gcaggaggca atccccagca gcctcaggac cctcctgctg gaaagcccca ggggccacct 720
ccacctctc aagggggcag gccaccaga cctgccagg gacaacagtc tcctcagtaa 780
tctaggattc aatgacagga agtgaataag aagatgacag tgtttcaaat gccttgaaac 840
ataatgtgat catgctctaa cttcaatata ccaataaaat aatcagcttg caatttcaaa 900
aaaaaaa 907

```

<210> 7661
 <211> 5812
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (107)...(5463)
 <223> similar to gi2398621 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7661
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 tataaatgtc caggattttc tattcaattg agaagaaccc agcaaaatgg ggatctccac 120
 agtcatcctt gaaatgtgtc ttttatgggg acaagttcta tctacaggtg ggtggatccc 180
 aaggactaca gactacgctt cactgattcc ctoggaggtg cccttggatc aaactgtagc 240
 agaaggttct ccatttccct cggagtcgac cctggagtca actgcagcag aaggttctcc 300
 gatttccctg gagtcaaccc tggagtcaac tgtagcagaa ggttctctga ttccctcaga 360
 gtcaaccctg gagtcaactg tagcagaagg atctgattct ggtttggccc tgaggctggt 420
 gaatggagat ggcaggtgtc agggccgagt ggagatccta taccgaggct cctggggcac 480
 cgtgtgtgat gacagctggg acaccaatga tgccaacgtg gtctgtaggc agctggggtg 540
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 cctggatgat gtgcgctgct caggacacga atcctacctg tggagctgcc cccacaatgg 660
 ctggctctcc cataactgtg gccatggtga agatgctggt gttatctgct cagctgcccc 720
 gcctcagtca acactcaggc cagaaagttg gcctgtcagg atatcaccac ctgtaccac 780
 agaaggatct gaatccagtt tggccctgag gctggtgaat ggaggcgaca ggtgtcgagg 840
 ccgagtggag gtccataacc gaggtcctg gggcaccgtg tgtgatgact actggggcac 900
 caatgatgcc aatgtggtct gcaggcagct gggctgtggc tgggccatgt cagccccagg 960
 aaatgcccag tttggccagg gctcaggacc cattgtcctg gatgatgtgc gctgctcagg 1020
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<210> 7662
 <211> 2393
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (52)...(2154)
 <223> similar to gi35792 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7662

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gagaccactg	ccgacagcaa	cgagacaacc	acgacctcag	gccctccgga	cccgggcgcc	180
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aggtcaccct	cagggcccaa	gaagtatttt	cccatccccg	tggagcacct	ggaggaggag	420
atccgtatca	gatccgccga	cgactgcaag	cagtttcggg	aggagttaa	ctcattgcca	480
tctggacaca	tacaagggaac	ttttgaactg	gcaaataaag	aagaaaacag	agaaaaaac	540
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cctcatggcc	tctaccaagg	ccccagatca	caggatctcc	tgggccttgg	agcacctcac	2340

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2393

<210> 7663
<211> 1206
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1194)...(276)
<223> similar to gi5912548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7663
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gttttaaattt ttttacacta tagcatttat gcaatgggtt acagaattca tggagttatt 120
tttatcagta tgggaattaa ttaaaacctt gaatctttgt tttgtctgct tctctgagca 180
caagcctggg cagctgggtc ctgcggtgcc taccagccag cttctctgta gggctctcgg 240
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ccgcgagctg ctctggagac ttggctctgg gcgctctcgt gcccaagtgc tccaagttgg 360
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tgatctcctt tgagagttct ttatgagcct tcctgcagtt ttccagggtc tcaaacccta 480
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cagcatcctc aaaaagtgtc ctacagcaact tctcatggcc ctgggggggtg atcagctcat 600
cggccagggtc ctgctctacc tgggtccact gccgctgcag ggctctggc agggttgggt 660
acactagcaa ggcgtggggg tggcagacga ggggggtctc gaacgtcagc gcgtagacgc 720
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caaacgcgtt gggctcctcc accacettca tcttcgtgc acctgccggc gcgggcccgc 1140
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ggccgc 1206

<210> 7664
<211> 2870
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(1202)
<223> similar to gi256178 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7664

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gatccggtgt	gattaaagct	ggttttgctg	gtgatcagat	ccccaaatac	tgctttccaa	180
actatgtggg	ccgaccaag	cacgttcgtg	tcatggcagg	agcccttgaa	ggcgacatct	240
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<210> 7665
 <211> 1457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1458)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1387)...(773)
 <223> similar to gi602438 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7665

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gtgtgcccc	ccggggacat	aaactaggcg	gcattcctgg	catcaaagca	caaaacgcaa	180
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gccggtgaga	gaagtgtgga	cttggaatcc	tccataggaa	agtgggtaga	aaaggatcta	360
agggtagctc	aaggtttctca	ggacctcctt	tccccagatc	ttagggtcct	gccctgtggg	420
tctcctgtgt	ccagggggaga	ggatctgggg	agtagaattg	tgaagggcaa	atccctgttc	480
ccggttttct	ggatttttcca	atgtgggctg	tctcacatcc	cacctccgc	tgggtgaatg	540
gaggaatgac	tggcaggggt	gggcatcagg	cagcaagtgc	ccaggttctc	tgggtatcag	600
ccaaaggtgg	gcaaacaagc	aaacacagac	cagccttagt	cttctagaag	tcagaagccg	660
cagccctagc	aggcgagggg	aagagcacaa	aacagggtga	ggatagagtg	ggtttctggg	720
gaacagcgat	gtcccctcca	cttcctcctg	ggagatgcag	gctgggtgcc	tatgtgccag	780
gctcagaggg	ggaagggcgc	tgaggttcct	ccccaggctc	acttagtgct	gggtcttcca	840
cttggctctc	agagcctcca	tctctctcgg	actcatccag	aggggggtgg	cgctcccagg	900
gcccttccag	accctggcca	caggttgtct	tttgcccagc	agactgcctg	atgaccttca	960
ggacttcagc	ctggctgtcc	tcttcttctt	cctcttcttc	atcatcctcc	tcttctcct	1020
catcttctc	tcttgataa	cccagctccc	gaagctcccc	cagctcatcc	tcctcctctg	1080
aggcctggtt	ctcattcaaa	ttgctgatag	actgcaggtg	agactcagca	atgcgctgca	1140
cagctttcag	cgaaggtggt	gtgtaggcac	aggggttggg	tctcttcgac	ttgagatggt	1200
gcccctctcc	tgaggtctct	tgggtggggg	aggcttcctc	ctctggtgag	gagtgtctctg	1260
agagccggaa	cagcatggca	ggcgttggtc	tcctgcgccg	gatcatctcc	acctggcggg	1320
ggtcgagctg	gctagggggc	gcgggcaccg	agaactggat	cttcttgccg	tccataaaat	1380
ccatagcgcg	cggggtgggc	ggtggggctg	gggtgcgcga	ctcgggggtcc	cgaattccnc	1440
cacgctggtc	gagaggt					1457

<210> 7666
 <211> 1219
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (109)...(524)
 <223> similar to gi2267084 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7666

ttacgccaaag	cttggcacga	ggagcgagct	gagtgggtgt	gtggtcgcgt	ctcggaaacc	60
ggtagcgctt	gcagcatggc	tgaccaactg	actgaagagc	agattgcaga	attcaaagaa	120
gctttttcac	tatttgacaa	agatgggtgat	ggaactataa	caacaaagga	attgggaact	180
gtaatgagat	ctcttgggca	gaatcccaca	gaagcagagt	tacaggacat	gattaatgaa	240
gtagatgctg	atggtaatgg	cacaattgac	ttccctgaat	ttctgacaat	gatggcaaga	300
aaaatgaaag	acacagacag	tgaagaagaa	attagagaag	cattccgtgt	gtttgataag	360
gatggcaatg	gctatattag	tgctgcagaa	cttcgccatg	tgatgacaaa	ccttgggagag	420
aagttaacag	atgaagaagt	tgatgaaatg	atcagggaag	cagatattga	tggatgatgt	480
caagtaaact	atgaagagtt	tgtacaaatg	atgacagcaa	agtgaagacc	ttgtacagaa	540
tgtgttaaat	ttcttgtaca	aaattgttta	tttgcctttt	ctttgtttgt	aacttatctg	600
taaaagggtt	ctccctactg	tcaaaaaaat	atgcatgtat	agtaattagg	acttcattcc	660
tccatgtttt	cttcccttat	cttactgtca	ttgtcctaaa	accttatttt	agaaaaattga	720
tcaagtaaca	tgttgcatgt	ggcttactct	ggatataatct	aagcccttct	gcacatctaa	780
acttagatgg	agttggtcaa	atgagggaac	atctgggtta	tgccctttttt	aaagtagttt	840
tctttaggaa	ctgtcagcat	gttgttgttg	aagtgtggag	ttgtaactct	gcgtgggacta	900
tggacagtca	acaatatgta	cttaaaagtt	gcactattgc	aaaacgggtg	tattatccag	960
gtactcgtac	actatttttt	tgtactgctg	gtcctgtacc	agaaacattt	tctttttattg	1020
ttacttgctt	tttaaacctt	gttttagccac	ttaaaatctg	cttatggcac	aatttgcctc	1080
aaaatccatt	ccaagttgta	tatttgtttt	ccaataaaaa	aattacaatt	tacccaatgg	1140
ttgctctgca	tctgagtcac	ttaactgttg	aagtctaata	attttgaaaa	taaaatatgg	1200
cattggttta	aaaaaaaa					1219

<210> 7667
 <211> 2103
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (85)...(1396)
 <223> similar to gil806040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7667

tcgtggcagc	cggagtcgtc	ttcgggacgc	gcctgctctt	cgcctttcgc	tgcagtcctgt	60
cgatattctt	ctccaggaag	aaaaatggca	tccgttgagc	ttgatccaca	accgagtggtg	120
gtgactcggg	tggatcaacct	gcccttgggtg	agctccacgt	atgacctcat	gtcctcagcc	180
tatctcagta	caaaggacca	gtatccctac	ctgaagtctg	tgtgtgagat	ggcagagaac	240
ggtgtgaaga	ccatcacctc	cgtggccatg	accagtgtc	tgcccatcat	ccagaagcta	300
gagccgcaaa	ttgcagttgc	caatacctat	gcctgtaagg	ggctagacag	gattgaggag	360
agactgccta	ttctgaatca	gccatcaact	cagattgttg	ccaatgcca	aggcgctgtg	420

```

actggggcaa aagatgctgt gacgactact gtgactgggg ccaaggattc tgtggccagc 480
acgatcacag ggggtgatgga caagaccaa ggggcagtga ctggcagtgt ggagaagacc 540
aagtctgtgg tcagtggcag cattaacaca gtcttgggga gtcggatgat gcagctcgtg 600
agcagtggcg tagaaaatgc actcaccaa tcagagctgt tggtagaaca gtacctccct 660
ctcactgagg aagaactaga aaaagaagca aaaaaagttg aaggatttga tctggttcag 720
aagccaagtt attatgttag actgggatcc ctgtctacca agcttcactc ccgtgcctac 780
cagcaggctc tcagcagggt taaagaagct aagcaaaaaa gccaacagac catttctcag 840
ctccattcta ctgttcacct gattgaattt gccaggaaga atgtgtatag tgccaatcag 900
aaaattcagg atgctcagga taagctctac ctctcatggg tagagtggaa aaggagcatt 960
ggatatgatg atactgatga gtcccactgt gctgagcaca ttgagtcacg tactcttgca 1020
attgcccgca acctgactca gcagctccag accacgtgcc acaccctcct gtccaacatc 1080
caaggtgtac cacagaacat ccaagatcaa gccaagcaca tgggggtgat ggcaggcgac 1140
atctactcag tgttccgcaa tgctgcctcc tttaaagaag tgtctgacag cctcctcact 1200
tctagcaagg ggcagctgca gaaaatgaag gaatcttttag atgacgtgat ggattatctt 1260
gttaacaaca cgcccctcaa ctggctggta ggtccctttt atcctcagct gactgagtct 1320
cagaatgctc aggaccaagg tgcagagatg gacaagagca gccaggagac ccagcgatct 1380
gagcataaaa ctcatataac ctgcccctat cactagtgcg tgctgtggcc agacagatga 1440
caccttttgt tatgttgaag ttaacttgct aggcaccct aaattgggaa gcaagtagct 1500
agtataaagg ccctcaattg tagttgtttc cagctgaatt aagagcttta aagtttctgg 1560
cattagcaga tgatttctgt tcacctggta agaaaagaat gataggcttg tcagagccta 1620
tagccagaac tcagaaaaaa ttcaaagtga cttatgttct cattctatgg ccattgtgtt 1680
gcctctgtta ctgtttgtat tgaataaaaa catcttcatg tgggctgggg tagaaactgg 1740
tgtctgctct ggtgtgatct gaaaaggcgt ctactctgct ttatctcatg atgcttgctt 1800
gtaaaacttg attttagttt ttcatttctc aaataggaat actacctttg aattcaataa 1860
aattcactgc aggatagacc agttaaaaaa aaaaaaaagg ggcgcctttt ttaaaggacc 1920
cttggggggc cccaagcttc cccggccttg caacgtatta attttctcct tatggggggc 1980
ctaattaaac cctccctggg caccttggga aagaaccctt ccttctgggg ggtgccatat 2040
tggaccaacc cccctacaga cattaaaggc tttagggtaa aattaacctt tttacgggtt 2100
ttg

```

<210> 7668

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (805)...(256)

<223> similar to gi877 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7668

```

tttttacaga gctcatttta ttttaagtcct attttagaac aaaggaaaca gtcttaggca 60
aggcaaaactc acagttggct actcaatgtc ttttatctct gcctgttttt tggcccaga 120
aaatgcaata ttttgacaca gaaaaaaaca ttaggatgag tgtgaaatca aatacgattc 180
tgggtttttga gctgacattt attcatttgg agccacatgg ctgtcccagg gcctgggtccc 240
caggtcatgt gcttaaagct tccaggcggg tctcatcatg atgatgaagt acacatcagt 300
gtcaatggat gcgctcacac ctgcatagta gttcatgaac tctcagggg tcaccaatcc 360
atctttgtca tagggtgaat caaagttatc cagaaatttc ctaaatactt gttcctcact 420
ccattcccca ttctgtgact ttgggtggtg ttttgcatta tatacttcac gaaggtcttc 480

```

```

gattgttata acaccatctc cagtcttgtc taactttcta aaagcttgca tgattacctc 540
ttttctggct ctggacattg gaggtcttaa tgtgagaaga aattcattga agtctattgt 600
tccattttcca tctttatcaa acctctggaa aagttcttcc acctcttctt tttccatgac 660
cacagcataa tcatttaacc ctttcataaa ttctttaaaa tcaagggttc gattattatc 720
gtcatccata attctaaaca ctctgccaa gtcctttgatc ccagcagagc ccctggccag 780
gcactgcagt cggagtcttt caatggggtc ggtggccgtg gtgagctttt tcttggcctg 840
gatcgccatc tctcggtcat ggcgcgctgt ccctgccatc ttaaattgcta accttttgcc 900
accagttgct tcgaa 915

```

```

<210> 7669
<211> 1356
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1357)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1306)...(1015)
<223> similar to gi558396 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7669
tttttttttt ttagtaaaca acctagtctt ttatttgccc aaggccggct gttgcaagca 60
ctgaggcccc aagacttcca gaagggaagg ggaggagggg caaagcactg tgcctaccag 120
gtgctgcctg ccccgctctg cttcctgcag gaggtgggaa gggagagaaa acggacattc 180
gcgccatcaa gtatctcccc agttttcagc cactatattc agttgtggag gaggaaactg 240
aggcacacgc atccccccag gcttctactt gctagtccaa ggtttaactt actccctccc 300
ctcatctcta cccccagcag aatgagctgt aagcagcctg gggaggggtct caggagccca 360
tctggtggcc tgtggagcgg ggcaggccag ccagggtcaa gggctagggg tggggggagc 420
aggaggggtg tggctggagg agcagctgct ggcggtgggg ggagtcggca ctcaataggg 480
gaccccagct ggggttccat actgatagca gtgggggaca ggcagagccc tcagctgtac 540
agacagggaa attgaggctg agaagcctcc agtctttggg tagggagggg ccttccttca 600
getactcagg tccattcatc ttccccatga agacgctggc tctggggctg gagcgccttg 660
tcagcggcca ctccatgttt agactgaggt acaaggagt gaaaggcagcc aggtcacctg 720
gccacagagc ctccctcaac tcttgacaaa ctggagggga accctcccc accacagctg 780
ctggaaaagg gagtgcctgg ctctggcgcc tgtctgcctt ccgctgctca cgtgcttgag 840
aaaggctcat ttttagcacc tggcctcttt tccctgcctg gagggagctt aggggacaga 900
gcagggaaga aggcaggcaa gggggacagg gagacctgga agcagggccc aaggggatgt 960
ctgattgctt cgttctcccc tctaagggtg cccaggccca gagaagggcc ctacgccgcc 1020
gtgcagagt gagaatgaaga ggacgctgtc ctggtcctga agctggtagt ccagctcacc 1080
cagtagctcc cagtcggcat cgttaatcag caccagaatt cctggccgca cgtgtctcc 1140
ctggatgaac aactctggcc gctcttttag caaattcttc ttgatccaga tgagcaggtt 1200
ccggatgtcc cagggttcct cctgtccagg caaagtgact cgtgttttct taataccgtc 1260
aaacaggagc tccgcaccac ctccgaactc cacctccact gacaagggcg cagccatggt 1320
gaggcagccc ctctgtgcaa gaanggctgt ggcac 1356

```

```
<210> 7670
<211> 2520
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (131)...(1274)
<223> similar to gi307377 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7670						
ggcgcgcgcg	ctgcagtgcg	gggacccgct	cgctcgctcg	ccagccgtcc	ccgcgccccg		60
cgcccccgcg	cagccgcctc	ctggcctcgg	gcgcgcgcga	tccaggaagg	aagcagccac		120
cctcgccatg	gcctccccgc	ccgcctgccc	ctcggaggag	gacgagagcc	tgaagggctg		180
tgagctgtac	gtgcagctgc	acgggatcca	gcaggtcctc	aaagactgta	tcgtccacct		240
ctgcatctcc	aagcccgaac	gccccatgaa	gttcctccgg	gagcacttcg	agaagctgga		300
gaaggaagaa	aacaggcaga	ttttggcgcg	gcaaaagtca	aactcacagt	cggactccca		360
tgatgaggag	gtgtcgccca	cccccccgaa	ccctgtggtg	aaggcccgcc	gccggcgagg		420
aggcgtgagt	gccgaggtgt	acaccgagga	ggacgcgctg	tcctacgtca	ggaaggtgat		480
tccaaggac	tacaaaacca	tgactgcgct	ggccaaggcc	atctccaaga	acgtgtctct		540
cgctcacctg	gatgacaacg	agaggagtga	catattcgat	gccatgttcc	ctgtcactca		600
gactcgtggg	gagactgtta	tacagcaagg	gaatgaagga	gacaacttct	atgtcgttga		660
tcaaggggaa	tggtatgtgt	acgtgaacgg	agagtgggtg	accaacatca	gcgagggagg		720
cagcttcggg	gagctggcgc	tcattctacg	cacccccagg	gctgcgaccg	tgaagccaa		780
gacggacctc	aagctctggg	ggatcgaccg	ggacagctac	cggcgcatcc	ttatgggcag		840
cacgctgagg	aaacgcaaga	tgtacgagga	gttcctcagc	aaggtctcca	tcctagagtc		900
cctggagaag	tgggagcgtc	tgaccgtggc	ggatgcgctg	gagcccgtcc	agtttgaaga		960
tggagagaaa	attgtggtcc	agggagagcc	tggggacgac	ttttacatca	tcacggaggg		1020
caccgcgtcc	gtgctgcagc	gccggtcccc	caatgaggag	tacgtggagg	tggggcgctc		1080
gggacctctc	gactacttcg	gggagattgc	actgctgctg	aaccggcccc	ggcgggccac		1140
tgctgtggcc	cgggggcccc	tcaagtgtgt	gaagcttgac	cggccccgct	tcgagcgtgt		1200
gctggggccc	tgctctgaga	tcttcaagag	gaacattcag	cgttacaaca	gcttcattct		1260
cctcaccgtc	tgagcacaga	tcccccgctg	cagccccagc	tccccagtgt	ggtggccgtg		1320
ccctgctcgt	ctgtgtcggg	ggcccgggag	ccgctgtgtg	aggtgtgggc	cgggtggggc		1380
tgggtcccg	cagcgtgagg	actgcccctt	ccccggactc	actttttgga	ataaatgatc		1440
accttgtgca	tttccaaatc	aaaggacaag	cggacaaaat	gcatcccaag	atcaaggaag		1500
ggacaggcca	gcttcctccc	cacacgcctc	cccggctgcc	tctgtgggct	tctcctgggg		1560
ggcccacccc	acccctgcca	gtctcctgga	gatgcttgag	gatcggtcct	ccccagaacc		1620
aggccaggac	gttgcacctg	gggcctgggtg	accctgtgag	gtcagggtccc	ccagattgag		1680
gtctgagtgt	gggcaagtgt	gtcaaaagg	gctgcccccc	aggggagatg	aggctgagag		1740
cagggagttg	aggccgaaga	agtcaaggcc	cctcccgcga	atgtgtaccc	ctgcccgcgc		1800
cactgcaccc	cgccgcaccc	ccacctcccc	cgggggccct	gctgcggatg	ccggagtggg		1860
agagtctctg	agctgtgaga	ttgatctttg	ccctaattgg	agaggaagcc	gggcgcgaag		1920
acacacgggg	ctcctgcctt	gggagccagg	gccgcggccg	caggtagacc	ccagtagggg		1980
gggcccgggct	cgaagtctct	ttgggagggg	ctggcgggac	tccaagcagg	cgctcctcac		2040
tttcttagaa	agtccacca	gggcaagtgt	atgttggggg	aaagcagaag	tcaagccagc		2100
cgcgggccccc	acacgcccctg	acccgctcaa	ccgacttgtc	ccttaaattgt	gtcttggtac		2160
ccgaggtgat	gacgtgagcc	agccaggccc	gaaaggggtga	ggccagtgca	gagaagcttc		2220
ccaggggatt	cctgggttcc	cccgaaagac	aagcgagggtc	attgcagttc	acccgatggt		2280

gctcctgtcc	cgtgcgtccc	ggggaggctg	tccttggtcc	gaggctgctc	gttgcagccc	2340
ctccccgtct	ggcggttacg	atgcgtgggg	tccccctccc	cacccagccc	cggccacgtc	2400
gccgtgtccc	gcctgtgcct	gtgacgtccc	tgtggacctg	tgagccatcc	cccccttat	2460
ctctgctctg	aatactgcat	gaagcattaa	acgtgcaatg	aagcggacgc	gtgggtcgac	2520

<210> 7671
 <211> 1549
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (35)...(1461)
 <223> similar to gi2832331 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00400725 "012100

<400> 7671						60
gaattccgcc	gctgctacac	gcctgggtggg	cagcatgtcg	gcaacagcgg	ctgctcgtaa	120
gcggggaaaag	ccggcctctg	gggccggggc	tggcgcgggg	gccggcaagc	ggcggcgaaa	180
ggccgactct	gcgggggaca	ggggcaaadc	caagggtggc	ggcaagatga	atgaggagat	240
ctccagcgac	tctgagagcg	agagcctagc	tccaaggaag	cctgaggagg	aggaggagga	300
ggagctggag	gaaactgcac	aggaaaagaa	gctgcgcttg	gccaagctct	acctagagca	360
gctccgtcag	caagaggagg	agaaggctga	ggcccgtgca	tttgaggagg	accaggtggc	420
ggggcgccctg	aaggaggatg	tgcttgagca	gaggggcagg	ctgcagaagt	tgggtggcaa	480
agagatccag	gccccagcct	cagctgacat	tcgcgtttta	cgggggcacc	agctctctat	540
cacatgtttg	gtcgtcaccc	ccgatgactc	agccatcttc	tctgctgcca	aagactgcag	600
catcattaag	tggagcgtgg	agagtggacg	gaagctgcat	gtgattcctc	gagccaagaa	660
gggtgccgag	ggaaaagccc	ctggccacag	cagccacgtc	ctctgcatgg	ccatctcctc	720
cgacggcaag	taccttgcc	ctggtgaccg	cagcaagctc	attctcattt	gggaggccca	780
gagctgccag	cacttgtaga	ccttcacagg	acaccgggat	gcagtgtcgg	gtctggcatt	840
ccgcagaggc	acccaccagc	tctacagcac	atcccacgat	cgctccgtga	aggtgtggaa	900
tgtggcagag	aactcctacg	tggagacgct	cttcggacac	caggacgctg	tggctgcact	960
ggatgccttg	agccgggagt	gctgtgtgac	ggctgggggc	cgggatggga	ctgtacgtgt	1020
gtggaagatc	cccaggaggt	cccagcttgt	cttctatggc	caccagggtc	ccatcgactg	1080
catccaccta	atcaatgagg	agcacatggt	gtccggcgcg	gacgatggct	ctgtggcctt	1140
gtgggggtctc	tccaagaagc	gaccacttgc	cctgcagcgt	gaagctcacg	ggctgcgggg	1200
agagccaggc	ctggagcagc	ccttctggat	atcgctgggt	gcagccctcc	tcaacacaga	1260
ccttgtggcc	acaggctccc	acagctcctg	tgtgcggctt	tggcagtgtg	gggaaggctt	1320
ccggcagctt	gaccttctct	gtgacatccc	cctggtgggt	tttatcaaca	gcctcaagtt	1380
ctccagctct	ggggacttcc	tgggtggctg	ggtagggcag	gagcacaggc	ttggccgatg	1440
gtggagaatc	aaagaggctc	ggaattctgt	ctgcatcatc	ccactccgca	gggtccctgt	1500
acccccagct	gctggttctt	gacactctta	tcctccttat	ttaagtcctt	cccaggctat	1549
gccccaccct	ctttgtatta	aaagcctcct	cttttgggca	aaaaaaaa		

<210> 7672
 <211> 1918

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (429)...(616)
<223> similar to gi2304977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7672

actgagctga	aatcctaaaag	gccgcggaggt	cggcgggtgtt	gtaggtagcg	gtaccttgag	60
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tacttgggaa	aaaaaagatg	cggattctta	tattgagttt	ggatacagct	ggaaaaacca	180
ccatcttgta	taaattgaag	ctggggggaga	ctgtgcctgc	cgteccctaca	gtaggtttct	240
gtgtggagac	agtagaatat	aaaaataaca	ccttcgctgt	ctgggatgtt	ggcagccact	300
tcaaaatcag	acctctgtgg	cagcattttt	tccagaacac	aaaaggtgcc	agaagcccag	360
gaagcacaca	tcaaggctca	cttgccagcg	gggtgctgcc	aataaaatgt	agtcacgtgg	420
aatttggaat	gtggaaagga	ggtagaagtc	atcctttcct	cccccatagc	agcaggtgtg	480
caggctctgg	tggtcagctg	gactccatac	tccccacca	gtcaccagcc	tggggaccgt	540
ggggtgcaa	ggacctcagc	agcggtttcc	caagtttctc	gacttcttcc	atcctctgga	600
aatcagctgt	ggtaaagtag	cctgaaagcc	agtggtgcaa	ccccatcccc	acaaccttca	660
ccacctctag	cacctccagt	gataagcact	aattgcctat	atacaacctt	tttttgtttg	720
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tagctaaact	tgtgtcatgg	gggtttgttg	tacagattat	ttcatcacc	aggtaccaag	1020
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ggtctgacat	gcggatggtc	ctgtgtgact	gagcccttaa	cctgtggagt	ctggtgctca	1860
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<210> 7673
<211> 2406
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (2320)...(1291)
 <223> similar to gi4689108 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

094689108.01200

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<400> 7673
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cacaatctaa tacagaatca atcatattca ggacaccctg aatgcaaata cttcataata      180
cagttttata gtttaatgga caatgtttta catggcacct ctcaaactctg atatatctgt      240
gtggtgctta caatttgcct tacactttca tttaaagtta ccctgttctc cactcaccac      300
atgtataaaa tatcctatct tttctcttaa tgtttttacaa accggttaatt ttcactatca      360
gtagcggatc tttttataac tcaccctatg ttgccccaaa tacaccaata atataatgat      420
tagattaaaa aacttggcat cttttttaaa aaaatgtgct ttcttttcca tgtataagat      480
tctactatac ctttgtgaa tgacacccta gttacataac acctacatat ctgcccctgt      540
gagaattttac cttagtcttc taagactcta tcttcaacag ttagataagt caataaccag      600
agttccaaga aaagtagtta ctttttaaga ccaaattatt gggataactg gtcttgtaa      660
tatggcttaa cattaatatg gctataacat agggactagc ccgttttttt tttttattaa      720
caatgtgacc tgatcacaat tctttaaagt ctagactagt tttccgtatg ttttcccat      780
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tttaaaataa gtatgttttc tgcttatttg tgttttcttt tctttgaata tattgcacaa     1140
tattttatta ttaaaaaaag gttttatgtc tcaggcaaaa agtttttctc cttcaatcgg     1200
gaggtgttaa tgtgtattat tttctaaaag aggtaagtgg ttgtctgtgt ggccatcctc     1260
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aactataaat tttccaattc catgtaacat gcctgttgtt gaaaagattc ctccaacaat     1380
accacagagt cttacaaaaa actgccagaa tggcatgtgc tcctcagtaa ctgtcaccat     1440
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gttaatgata cgttcccttt ctgtcacaga aaactgatgg gtgtctgctg atattttata     1560
tgtatgtagt tttgttggca caactgtaat aaaatattgg aacatctggg tgtgatctat     1620
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cattgtttct gctaaatcca atacatccgc tccaacatat tgacacttca tggcaacagt     2100
aatatctata ttaattctta atttgctaga aaaatccttg tctacttcgt attcatactt     2160
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tgctattaga gaaactgtac ctccactggc tgaagtctct acatagctct caggaacctt     2280
cggaaggca tccaactctt ttaccaaact taaagttttt ttccgattca gtcgcctcat     2340
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acgaaa                                           2406

```

<210> 7674
 <211> 2500
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (369)...(1981)

<223> similar to gi3874084 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7674

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gatttccact	aagtgtcttc	aaacctcccc	ctccccggct	tcctggataa	tagaagttcc	180
cgaaggccgc	cgattccaga	agatactgtc	tggcgtgaaa	ttagtttcag	tagaaacata	240
agtcccgcgc	gtcttggtgc	gcgcgtgcgc	aagcttttgg	gccctcccga	gaaagggaag	300
tgcattctcg	cttcctagc	ggctccgcgc	ggttggggga	aagtaattcc	ggctgttgca	360
ccatggcgtc	catggggacc	ctcgccttcg	atgaatatgg	gcgccctttc	ctcatcatca	420
aggatcagga	ccgcaagtcc	cgtcttatgg	gacttgaggc	cctcaagtct	catataatgg	480
cagcaaaggc	tgtagcaaat	acaatgagaa	catcacttgg	accaaagtgg	cttgataaga	540
tgatggtgga	taaggatggg	gatgtgactg	taactaatga	tggggccacc	atcttaagca	600
tgatggatgt	tgatcatcag	attgccaaagc	tgatggtgga	actgtccaag	tctcaggatg	660
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cggagcaatt	gctagaccga	ggcattcacc	caatcagaat	agccgatggc	tatgagcagg	780
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agcggagaga	cgttgacttt	gagcttatca	aagtagaagg	caaagtgggc	ggcaggctgg	1020
aggacactaa	actgattaag	ggcgtgattg	tggacaagga	tttcagtcac	ccacagatgc	1080
caaaaaaagt	ggaagatgcg	aagattgcaa	ttctcacatg	tccatttgaa	ccacccaaac	1140
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caatttgtca	gtggggcttt	gatgatgaag	caaatcactt	acttcttcag	aacaacttgc	1320
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ccagagctgt	aaccattttt	attagaggag	gaaataagat	gatcattgag	gaggcgaaac	1560
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cttaaacagg	agctctcaag	atgcactttt	gtattgagag	gaatatgggc	ttgatcctct	2400
tcctatctaa	atgggtgggc	catttgattg	tagagggtcc	accacagaat	tatgggatgc	2460
cttaagtgtc	gttactaggt	tgctcacagc	ctaacctggc			2500

<210> 7675
 <211> 2824
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (527)...(1851)
 <223> similar to gil055177 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7675
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 atcacattct tccatcttct gttcttcctc cattctgggc taagttagta gtgggatcgg 180
 ttgccattgt gtgttttgca cgcagctatg atggagactt tgtctttgat gactcagaag 240
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 gagtatcttt ctgggagcag tggccatgct gtgcaaagag caagggatca ctgtgctggg 360
 tttaaatgcg gtatttgaca tcttggtgat aggcaaattc aatgttctgg aaattgtcca 420
 gaaggtacta cataaggaca agtcattaga gaatctcggc atgctcagga acgggggcct 480
 cctcttcaga atgacctgc tcacctctgg aggggctggg atgctctacg tgcgctggag 540
 gatcatgggc acggggccgc cggccttcac cgaggtggac aaccggcct cctttgctga 600
 cagcatgctg gtgagggcgc taaactacaa ttactactat tcattgaatg cctggctgct 660
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 catcagcgac tggagggtaa ttgcacttgc agcactctgg ttctgcctaa ttggcctgat 780
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 aatgacaaaag caaattaagt ttttttatct ctttttttta aaacaacata ctgtgaactt 2400

09483725 "042400

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tttc						2824

<210> 7676
 <211> 2416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (341)...(1935)
 <223> similar to gi5262560 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7676						
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caaaaataca	catttttcta	ttctactggt	gctttaccac	atgggttcagt	tgtagcctca	180
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agtgatgtta	gtcttatcca	tcctctctta	tacatgtgag	atgtttcagg	attcagtggc	360
ctttgaggat	gtggctgtca	gcttcaccca	ggaggagtgg	gctttgctgg	atccttccca	420
gaagaatctc	tacagggatg	tgatgcagga	aaccttcaag	aacctgacct	ctgtaggaaa	480
aacatggaaa	gttcagaaca	ttgaagatga	gtacaaaaat	cccaggagaa	atctaagtct	540
tatgagagag	aaactctgtg	aaagtaaaag	aagtcatcac	tgtggagaaa	gcttcaacca	600
gattgcagat	gacatgctga	acaggaaaac	tcttctctga	ataacaccat	gtgaaagcag	660
tgtgtgtgga	gaagttggca	cgggtcattc	atctcttaat	acgcatatca	gagctgacac	720
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gaaaccctat	gatggtaaaag	aatgtacaga	aaccttcatt	tcccatcat	gcattcaaac	900
acacagggta	atgcacagtg	gagatggacc	ttataaatgt	aagttttgtg	ggaaagcctt	960
ctattttctc	aatttatgtc	ttatccatga	acgaattcac	actgggtgtga	aaccatataa	1020
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tgggaaagtc	ttcattttct	tcagttccat	tcagtatcat	aagatgactc	acactggaga	1260
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gcacagtgga	gagaaacccc	atgaatgtaa	ggaatgtgga	aaagtattca	agtatttttc	1560
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taagccatat	gagtgtaaag	tatgtggcaa	agccttcact	tgttccagtt	ccattcgata	1740

09483725.0.12100

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caagcaatgt ggcaaagcct ttattcgtgc cagttcatgt cgagaacatg aaagaactca 1920
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cacttccttt gaaacacaag aaaagagagt ggtgaaagaa cctctggata actgcttttt 2040
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taatacaatt cacctatagc caatcttgca tgagatttca aaggcacaga aaaggaaggc 2160
atcagtcaca tattagaggc cccacacagg gagagaggtg tgtggctacc cgcttccagc 2220
ccattttcct gattcttttg cttgttaatc ggagaatatc ccccaaatac cttgtctctg 2280
ttcctcagag ttgtaggtct ccagatatgt cccagtgct ccacattaaa gataacatgc 2340
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<210> 7677

<211> 5138

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(1123)

<223> similar to gill136420 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7677

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ggcatttgca aagctgctaa accgtacctt ggctgtccct ccttggttg agtaccagca 180
tcacaagcct cccttcacca acctccatgt gtccctaccag aagtacttca agctggagcc 240
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ccactggccc cctgagaagc ggggtggcata ctgctttgag gtggcagccc agcgaagccc 360
agataagaag acgtgcccc tgaaggaagg aaacccttt ggcccattct gggatcagtt 420
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 <223> similar to gil212946 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 Run with FASTXY 3.3t00, default parameters

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<211> 2768

<212> DNA

<213> Homo sapiens

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<223> similar to gil770576 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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ttagtaatat ttagaattgg aatttgccta ctgaaatagt tatagatgat tacttgtgat 2580
gtgaaactga attgagcatg acaaccagac atttccagtt ggttttgtaa gttttgagaa 2640
tctagatact gggttttatt ttttgaaaga ttagctctgt ttgtaagggc tgattccttg 2700
aaaatgtaat tttccagaaa aacacctaaa gaaaataaaa catggacatg cctagtaaaa 2760
aaaaaaaa

```

<210> 7681

<211> 984

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (82)...(292)

<223> similar to gi3878134 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7681

```

aggccggttc cggcgaagtt aaaccctcgg agctggcctc ggactgctgg ggcgttaccc 60
cttcggccac ccccgctgac catggcagtg tttcatgacg aggtggaaat cgaggacttc 120
caatatgacg aggactcgga gacgtatttc tatccctgcc catgtggaga taacttctcc 180
atcaccaagg aagatttga gaatggggaa gacgtggcaa cgtgtcctag ctgctctctc 240
attataaaaag tcatttatga caaagatcag tttgtgtgtg gagaaacagt cccagcccct 300
tcagccaaca aagaattagt taaatgctga agaagccttc aggaatccaa atcctgaaca 360
tttggaatga gccagatag aaatatcgaa tgcaaagcta ctggcttcac agagacaacc 420
atztatgatt tgctgttctg taagagtgtg gattccttct atcaactgcc tgatatcatc 480
ttcaggaagc aagtccataa catgacatat ctggattttg tgcttagaac cttaaattgg 540
aagcattctt aattatgcat ctaaatttaa aagaagataa tttcaaaaca gtgctttctt 600
tcccttggtt tcatcatttt catatcttaa accaaattac ttcggtatct gacaacagca 660
tcatctacct cagtcattag gatttcttaa taaaaagag attgtatttt tgacttggtt 720
attaagatta ttaaaattag cccttccttt gaaatatgac atcagctttg ctgttctaaa 780

```

```

tttaaaatta gttgcttcat cagtaccaca tttccagttt ctataccaag ccagtctcct 840
cagttttccc attagaatgg acatgttctg ttcagcgtgt cattttctgta atgcttcatg 900
cagagagttt ggtcatagta ttaaagagaa aatacagtga ggtcacaatg tctccagagc 960
taaaagttag tgaacaagac agat 984

```

```

<210> 7682
<211> 1974
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(1864)
<223> similar to gi2230878 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09403723.01300

```

<400> 7682
ccccacgcgtc cgctctggcg cctggttccg cgcgccggag cgcgctagcc gcattgcbag 60
ccgaaccccg gagctggcgc catgggtgctg ttgcacgtgc tgtttgagca cgcggtcggc 120
tacgcgctgc tggcgctgaa ggaagtggag gagatcagtc tgctgcagcc gcaggtggag 180
gagtcgctgc tcaacctggg caaatccac agcatcgctc gtctgggtggc cttttgtccc 240
tttgctcat cccaggttgc cttggaaaat gccaacgccg tgcctgcca aaaagaagaa agtactcttg 300
gaggacctcc gcctgctctt ggagaccac ctgccgtcca aaagaagaa agtactcttg 360
ggagttgggg atcccaagat tgggtgccga atacaggagg agttagggtta caactgccag 420
actggaggag tcatagctga gacctgcga ggagttcgtc tgcaactcca caatctggtg 480
aagggtctga ccgatctgtc agcttgtaaa gcacagctgg ggctgggaca cagctattcc 540
cgtgccaaaag ttaagttaa tgtgaaccgg gtggacaata tgatcatcca gtccattagc 600
ctcctggacc agctggataa ggacatcaat accttctcta tgcgtgtcag ggagtggtag 660
gggtatcact ttccggagct ggtgaagatc atcaacgaca atgccacata ctgccgtctt 720
gcccagttta ttggaaaccg aagggaactg aatgaggaca agctggagaa gctggaggag 780
ctgacaatgg atggggccaa ggctaaggct attctggatg cctcacggtc ctccatgggc 840
atggacatat ctgccattga cttgataaac atcgagagct tctccagtcg tgtggtgtct 900
ttatctgaat accgccagag cctacacact tacctgcgct ccaagatgag ccaagtagcc 960
cccagcctgt cagccctaata tggggaagcg gtaggtgcac gtctcatcgc acatgctggc 1020
agcctcacca acctggccaa gtatccagca tccacagtcg agatccttgg gctgaaaaag 1080
gccctgttca gagccctgaa gacaaggggt aacaccccaa aatatggact cattttccac 1140
tccaccttca ttggccgagc agctgccaaag aacaaaaggcc gcatctcccg atacctggca 1200
aacaatgca gtattgcctc acgaatcgat tgcttctctg aggtgcccac gactgtattc 1260
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ccacgaaaga atctggatgt catgaaggaa gcaatggttc aggcagagga agcggctgct 1380
gagattacta ggaagctgga gaaacaggag aagaaacgct taaagaagga aaagaaacgg 1440
ctggctgcac ttgccctcgc gtcttcagaa aacagcagta gtactccaga ggagtgtgag 1500
gagatgagtg aaaaacccaa aaagaagaaa aagcaaaagc cccaggaggt tcctcaggag 1560
aatggaatgg aagacccatc tatctctttc tccaaaccca agaaaaagaa atctttttcc 1620
aaggaggagt tgatgagtag cgatcttgaa gagaccgctg gcagcaccag tattcccaag 1680
aggaagaagt ctacacccaa ggaggaaaca gttaatgacc ctgaggaggc aggccacaga 1740
agtggctcca agaaaaagag gaaatttctc aaaggaggag cggtcagcag tgggcctgaa 1800
gaggcggctg gcaagagcag ctccaagaag aagaaaaagt tccataaagc atcccaggaa 1860
gattagaatg caaatggaca ttctctggga ggtggggcat accatagccc aaggtgacat 1920
ttcccacctt gtgccgtgtt cccaataaaa aacaaattca caagaaaaaa aaaa 1974

```



```

aagcttctgg ctccaggtgt ctaatggata attcagctaa atagcggcta ttttcagtgg 2280
caagaattat aataataaag ggcagtcaca agt 2313

```

```

<210> 7684
<211> 1759
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (230)...(1500)
<223> similar to gi4493522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

09463725 042100

```

<400> 7684
tttcgtgctg gccggtgctg ctggcagtcg gctgcgtact cctgcgagcg ccggagaggg 60
gctggagggc gggcgagggc gcggtctcag gcatccctgc agggcgctcc tccgagtccc 120
tcggcgctct gagccacag ggaagaagga ggggcccggc tcagtgcagt cagcgagacc 180
gaggtgagcg tgggctgttc cagtgggtgt ctgtcagtcg ctatggatta tggcagggaa 240
agtaaaatgg gtcactgata tcgagaagtc agtgcgtgat aataactttg aaaagagagg 300
atgggtccaa gtgacagaaa acgaggactg gaatttttac tggatgagtg tgcaaaccat 360
ccgaaatgtg ttcagcgttg aagctggata tcggctctca gatgaccaa tagtcaacca 420
ttttccaaac cactatgaac tgacccggaa ggacctgatg gtgaagaaca tcaaaagata 480
caggaaggag ctggagaaaag aaggagtc tctggcagaa aaagatgaaa atggaaaata 540
cctctatctg gactttgttc cagtcaccta tatgctgccc gctgactaca acctgtttgt 600
agaggagtgc cggaagagcc cgtccagcac ctggatcatg aagccttgtg gcaaggccca 660
gggaaaggcc atcttcccta tcaacaagct ctacagatc aaaaagtgg cccgggacag 720
caagacatct tcgtttgtgt ctcaatctaa taaggagcc tacgtgatct ctctctatat 780
taacaaccgc ttactaattg gcgggaggaa gttcgacctg cgcttgtaag ttctggtgtc 840
cacgtaccgt ccactgcgct gttacatgta caagcttggg ttttgccggt tctgcacagt 900
gaaatacacc ccgagtacca gtgagctgga caacatgttc gttcatctca ccaacgtcgc 960
catccagaaa cacggggagg actacaacca catccatggg ggcaagtgga cagtgaagtaa 1020
cctgcggctc tacctggaga gcaccccgcg caaggaggtg accagcaagc tggtcgatga 1080
gatccactgg atcatcgtgc agtccctgaa ggctgtggcg ccggtgatga acaatgacaa 1140
gcaactgctt gaatgctatg gctacgacat catcatcgac gacaagctga agccctggct 1200
gatcgaggtg aatgcgtccc cgtctctcac gtccagcact gccaatgacc gaatcctcaa 1260
gtacaacctg attaatagaca ccctcaacat cgccgtcccg aatggtgaaa tcccagactg 1320
caaatggaac aagtcgccac ctaagggaag cctcggcaat tacgagattc tgtatgatga 1380
agaattggcc cagggtgacg gggctgaccg ggagctgaga agccgtcagg gtcagtctct 1440
ggggcccaga gcaggccgat cgagagactc agggagagcg gtcctcacca cctggaagtg 1500
agtccacact ggaccttatc aaaactactc actccacctg ggcccctgct gaagccctat 1560
tttgaaattt cccttttgta gagctttttt cctttcctaa gccctgtaaa taaacgaagg 1620
cacttctttg gaaggttatg gagtctgttt gactagtgtt aaaggaaaca attcatgcgg 1680
atgtataaaa ctgcctcttt ttttttttaa tttttaacct aagcagaatt ttcataattaa 1740
aaactcactt ttttgacag 1759

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<210> 7685
 <211> 1783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1698)...(674)
 <223> similar to gi4914578 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7685

tttttttttt	ttaaacattt	aaaaatttta	tttagagaca	agtctaccat	gtcaccgtaa	60
gtttatgcta	ctgctggaaa	tgaacaaatg	tagccccata	aggaagaaaa	gttgagagat	120
gccatatgtt	taaagacatg	gtagtcagac	ttctttgtaa	tcacatttct	atgataaatg	180
catagtataa	tttttgaagg	tataaagaca	atctctaagg	atcttatatt	tagttaatac	240
ctacaactct	aaacattact	taatacctca	tttaagctga	tttctttttc	tctagtcact	300
ttgcaaattg	aaatgtaaga	attgaaattt	gtggctctac	cctcaagatt	ctcaaattaa	360
aacacagcta	ccatatacat	ggccagatca	aatgcttagc	gatgtttgaa	gtgttcacaa	420
gagaactatg	agcgtataaa	ctgtatgata	ttctatgaca	cagtaagtgt	gataaagtta	480
gtacaaagta	tttaaagata	tgtagtcag	ctctttttat	atagaaaaac	aaaatctttt	540
acatacgga	tggaaatttt	gtagaacaga	agttttttta	aattttatatt	aaacattgct	600
taactagtaa	atcctgtcag	tgtagaaata	atctttttgt	aattctcaaa	gaagaaaaata	660
gtatacgctt	taattcatgg	ttacgtagtt	ggctggaaaa	atgccagttt	gacctcgaag	720
ttttccttcc	caccaatcaa	aatgtgaatc	tgtttttgat	ataactgtga	ttctgtctcc	780
agcttgaaaa	ttcaaattcc	caggctgctg	tccttcaa	gaatacagcg	ctgtcacttc	840
tatgggttga	ttcaaattgc	caactctctc	atgatagctg	gaaagtccag	gatagagctt	900
atattcattt	ctgttacttt	gagagccaga	gttcagctgg	actggtgcag	atgactgctg	960
tggtcttgac	aatggctttg	gaggtaattc	tttagcagaa	gacttcctct	gctcccttgc	1020
tgcttttctt	gcattgattc	gttgctcttc	atcttcatac	ttttcagtaa	aggaatcaag	1080
aatttcataa	agatcttcgg	cttgagcagg	ccgcggtgta	tctccaaata	aaatgtcata	1140
agctcgata	tcttgacaat	aaaattttct	attagtttct	ttcctttcaa	tcaaacagct	1200
cccttctaaa	gacacgcctg	caaagagtcc	ccttgacttg	cagtacgtga	agacggcagc	1260
ggagcttctc	agggccacgt	ttccttccaa	gttccttccc	aagggcccaa	ccgccacagt	1320
caagttccct	ccgagggtca	gatttccgcc	ttttgcaaaa	gcttctacag	cacggtcata	1380
attcagaatt	atcaccaagt	ctgatacctc	aattcctatt	tcaaattcctc	caccaaggcc	1440
agctatccca	atggctgagg	gtgcagacca	ttttccatct	ggaaggcgcg	ccactacaat	1500
cccgctgcct	cctctggcag	tcaccaggaa	cccggttttg	atcacagaca	gaattgcaag	1560
gccttttagcc	ttcgcaatta	cgtgagcagg	aatgatctta	tcagggtccat	ttctggaagt	1620
tattttctgtg	aattctctta	atattttggc	agcctttttt	gcttctgatt	tcaaattgga	1680
aggtataggg	ttattcacgt	cataggaccg	cctccgcagg	cgcactggag	ccgattgcgc	1740
aggcgtggct	ctcacaacgc	gctgccctgt	tggcgttggt	gcg		1783

<210> 7686
 <211> 1132
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1133)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (661)...(132)
 <223> similar to gi4929711 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7686
tttttttttt ttaataccat tctgtgattt aaacttttct attggtgact tttagttgta      60
taggcacgga aaggaaaatc aattgttttc tttaatgctg agaatttttg ttaatatctc      120
tggacatttc ataaaaatc ttttggtgac attctacaaa tgatagcatc caataatgtc      180
ccaatacttt ctctctgtga agagagttaa tataatcttt tgacttctgt aatattcatt      240
atttcaggaa gatttttctc agaaacctga tgaccttcta cttgagatat taggtattct      300
tgatttattt gtttttctcc ctcttcaatg taaacaatta gaattgaagt gtcatttgct      360
gagataccaa attttttcaa agcctctgaa atattgttat ttggggaaag gttgaaaata      420
atttcagtag atagagtctt tgtcttcatt tttcccagtt tgtagagggt aactgctttg      480
tttgctgcca caagtatctg aaatggatca acaatcactg taggatttat cagtgatcca      540
tcgatgggtc ctcccatggc ctttcttctc aagtctcccg cattttttac atctttaaat      600
aacagaaggg ttaccctgca ttcgggaaat aggtccagct gatgtgttaa ctgcatttca      660
cagataagca ggattctaca tccggccccc agtgcgctct ggaagagctc ccgctccgaa      720
acaaagccca caacttccgg aagcgatggc caatccccgt cttcttcgag ccagtttccg      780
gataggccgg ctcggggtgg ccactctgtt ccgggtcctg gtaggagggt tgcttccgcc      840
catgggtccg cccattcttc cgctctccca acctgggtcc cgtcaacgga cgcaaggag      900
aacaggggct gtatatcact tccggcgaag gaaatggaag aatctatggg ctgggaccgg      960
aagctggggg ctggttttga gtctcggtt tgtcttaacc tgtgttgggc gttgcaccgg     1020
gcgacctcag tttcttctcg tacaaggaaa agtactgacc aaaatgagtt ctacatacat     1080
ttccgctgct ggagatttct ttnntccacc ggcntcaat agtgggtctca tg              1132

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<210> 7687
 <211> 1299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1300)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1045)...(466)
 <223> similar to gi5138930 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7687

tttttttttt	ttacaaacca	ggaatatatt	cactttttatt	catttccacg	attatgagta	60
tgacacagca	tatacatata	tttagataat	atataaaaca	tagaataaac	ccgcaggaag	120
aaatattggt	tctgggaatt	cctttatggg	ccatctttta	ttctgtaagt	tcatggtaaa	180
aggtatctcc	ccccactcg	gggggtnagg	cggcggaata	agctccagcg	tttcatgcgc	240
cactcacagg	actggcttac	ccccactggc	acttacaatg	gcagtcacag	agttacgggc	300
atgttcaccg	gtgtccatga	caaggcaaca	ccaagtataa	ataacaggaa	cttacaggca	360
gagcaaaacta	agataaatat	gtttttgcat	cgtcctccac	atagtttcct	tttaaaaaga	420
agagtcacat	ccaggggtct	atccctcgag	tcacaattcc	agttattgct	ttgccttggt	480
ctgaactggg	agatacagtt	tgaactctgc	cggcagctca	tcttctgagt	agagtctgtc	540
tgagaagtaa	accgctcgga	tgcgacaatt	tgcatggatc	tgactctga	gggtctcgat	600
gtaattgggtg	ccgtatgctc	gccgtgtgaa	gtctagcaag	ttgaactgaa	tctggttcca	660
gccgtcatcc	agccgcatgg	gcatgggtga	gatgaagggt	ttgacccggg	tggtgctctg	720
gtagttactt	gcccgaagc	gacgacgcac	attcttgctc	tctagtacct	gcacttcgaa	780
ggtaaaatac	ttcttcaggt	ttttgataat	catgacaagg	aaaggaagtt	taattcccag	840
cgtcttcttg	gggtctgcag	ggcatgtgat	atatgtgggtg	cttacatttg	tcccttcaat	900
ctctagcacc	agggactgga	tgtcattatc	agtgattctt	ttgatgtggc	cattccgtac	960
ctttttgtcc	cagatttgca	gaggcttgct	gccgatgctg	tagaggatgg	agaggaagcc	1020
gctctggaac	gtgtttttga	acatctcgcc	ggcggccttc	tcctaagccg	cccccgagc	1080
cgacctaggc	cccggagtag	atacaggcac	cgagcgtcga	gggcacagca	gcaggccggc	1140
cctgttccga	agaagggtgg	ttgagctcct	ggcctccgga	tctgcagcca	ctgatggccg	1200
gactcggacg	cggcaacgct	aagtccgcga	tcttcagctc	ctaagctgcg	agctcagaac	1260
ggaaaccaca	gcaactaccg	tccgcgccgc	ggtatttcc			1299

<210> 7688

<211> 2342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(1746)

<223> similar to gi5262560 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7688

gcaggttggt	gtcgggatac	cagatttcct	actccgagag	gccccgggtc	cctctgccac	60
aaacttctgtc	gctctgccgc	ctgcaccgtg	accgcacta	ttcacgggag	ccctagagag	120
gacaccggga	caccagaag	ccgggaaatg	atgtttcagg	attcagtggc	ctttgaggat	180
gtggctgtca	gcttcacca	ggaggagtgg	gctttgctgg	atccttccca	gaagaatctc	240
tacagggatg	tgatgcagga	aaccttcaag	aacctgacct	ctgtaggaaa	aacatggaaa	300
gttcagaaca	ttgaagatga	gtacaaaaat	cccaggagaa	atctaagtct	tatgagagag	360
aaactctgtg	aaagtaaaga	aagtcatcac	tgtggagaaa	gcttcaacca	gattgcagat	420
gacatgctga	acaggaaaac	tcttcctgga	ataacaccat	gtgaaagcag	tgtgtgtgga	480
gaagttggca	cgggtcattc	atctcttaat	acgcatatca	gagctgacac	tggaacaaag	540
tcatctgagt	atcaggaata	tggagagaat	ccatatagaa	ataaggaatg	taagaaagcc	600
ttcagttatc	ttgactcctt	tcaatcacat	gataaagctt	gcactaaaga	gaaaccctat	660
gatggtaaag	aatgtacaga	aaccttcatt	tccattcat	gcattcaaag	acacagggta	720
atgcacagtg	gagatggacc	ttataaatgt	aagttttgtg	ggaaagcctt	ctattttctc	780
aattttatgtc	ttatccatga	acgaattcac	actggtgtga	aaccatataa	gtgtaaacia	840
tgtggtaagg	cctttactcg	ttccactacc	cttcagctac	atgaaagaac	tcacacagga	900

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gtgaatgccg atgaatgtaa agaatgtggg aatgcattca gttttcctag tgaaattcgt 960
agacataaaa ggtctcacac tggagaaaaa ccctatgagt gtaagcaatg tgggaaagtc 1020
ttcattttctt tcagttccat tcagtatcat aagatgactc aacttgga gaaaccctat 1080
gaatgtaagc agtgtgggaa agcctttaga tgtggctcac accttcaaaa gcatggaagg 1140
actcacactg gagagaaacc ctatgaatgt aggcaatgtg gtaaagcctt cagatgtacc 1200
tcggaccttc aaaggcatga aaagacacac actgaggata aaccctatgg atgtaagcag 1260
tgtgggaaaag gcttttagatg tgcttcacaa cttcaaattc atgaaaggac gcacagtgga 1320
gagaaacccc atgaatgtaa ggaatgtgga aaagtattca agtatttttc ttccttgctg 1380
atacatgaaa ggacgcacac tggagagaag ccccatgaat gtaagcaatg tggaaaagca 1440
ttcagggtatt tctcttcctt gcatatacat gaaaggacac aacttgga taagccatat 1500
gagtgttaagg tatgtggcaa agccttcact tgttccagtt ccattcgata tcatgaaagg 1560
actcacactg gagagaaacc ctatgaatgt aagcactgtg gtaaggcctt tatttccaat 1620
tacattcgat atcatgaaag gactcacact ggagagaaac cctatcaatg caagcaatgt 1680
ggcaaagcct ttattcgtgc cagttcatgt cgagaacatg aaagaactca taccattaat 1740
agatgagaaa tccttttagt ggaagcaacg ggagaagcct tctgttgtcc cacttccttt 1800
gaaacacaag aaaagagagt ggtgaaagaa cctctggata actgcttttt gaattgagaa 1860
gagagacttg cgataggaca ataaaatcta gaagaacttg gatggtttcg taatacaatt 1920
cacctatagc caatcctgca tgagatttca aaggcacaga aaaggaaggc atcagtcaca 1980
tatttagagg cccacacagg gagagaggtg tgtggctacc cgcttcagc ccattttcct 2040
gattcctttg cttgttaatc ggagaatatc ccccaaatac cttgtctctg ttcctcagag 2100
ttgtaggtct ccagatatgt cccagtgct ccacattaaa gataacatgc ccactttgct 2160
gtttcttcag aaatgttaaa atgtttacca gagaactaat aaatgttgtt atggctggaa 2220
atactcactg atgcccaact cttctataga ttgagttggt ttaagaggtc tactttgtat 2280
tgcaagcatt gttgtttcta cggattagcg agcctgttct tgattaaacc aactagatgg 2340
ga

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<210> 7689

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (867)...(155)

<223> similar to gi33728 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7689

```

tttttttttt ttctgattga caatgagaat atttattgag ggtttattga gtgcagggag 60
aagggcttga tgccttgggg tgggaggaga gaccctccc ctgggatcct gcagctctag 120
tctcccgtgg tgggggtgag ggttgagaac ctatgaacat tctgtagggg ccactgtcct 180
ctccacgggtg ctcccttcat gcgtgacctg gcagctgtag cttctgtggg acttccactg 240
ctcaggcgctc aggctcaggt agctagctgc tggcccgcgt acttgttgtt tgctttgttt 300
ggaggggtgtg gtggtctcca ctccgcctt gacggggctg ctatctgcct tccaggccac 360
tgtcacggct cccgggtaga agtcacttat gagacacacc agtgtggcct tgttggcttg 420
aagctcctca gaggagggcg ggaacagagt gaccgagggg gcagccttgg gctgacgtag 480
gacggtcagc ttggtccctc cgccgaatat tacaatgcct ctaccatgt agagcacaca 540
gtagtaataca gattcatcct ctgcctgggc ccccgatgata gtgagggcag atttgttccc 600
aaggatggag ccagagaagc gatcagggac cccagaagag cgagtgtttg tgttgtacat 660
gagcgtgcgt ggagcctggc ctggggctcg ctggtaccag ctgggggagt aactagtaga 720

```

```

gcctgagcca gagctcaagc cacaagtgag tgtgactgtc cctccagggg acattgagaa 780
cgatggctcc tgggtcacca cagtctgaga atccactcct gatccataag caaggagtcc 840
gaggagaagc atcatccagg ccatgggtgg ggacactcat gaaggctag 889

```

```

<210> 7690
<211> 2711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (466)...(1698)
<223> similar to gi5231143 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7690
tttcgtggcg cggcgcatgt cccggccgag tgtggcgag cagtggcggc gcttccatt 60
cgccatgcgc cgggggtggg tgcccgaagg ttgcatgat gaatttgaac attacttcaa 120
gaggttttgt attttggtt agttaattgg gtttgcctc tgctgactgt ttcttcggat 180
gcattttttg gtgtgctctt gagggattaa atgcaaagag atcacaccat ggactacaag 240
gaaagctgcc caagtgttaag cattcccagc tccgatgaac acagagagaa aaagaagagg 300
tttactgttt ataaagttct ggtttcagtg ggaagaagtg aatggtttgt cttcaggaga 360
tatgcagagt ttgataaact ttataacact ttaaaaaaac agtttcctgc tatggcctg 420
aagattcctg ccaagagaat atttggtgat aattttgatc cagattttat taaacaaaga 480
cgagcaggac taaacgaatt cattcagaac ctagttaggt atccagaact ttataaccat 540
ccagatgtca gagcattcct tcaaattggac agtccaaaac accagtcaga tccatctgaa 600
gatgaggatg aaagaagttc tcagaagcta cactctacct cacagaacat caacctggga 660
ccgtctggaa atcctcatgc caaaccaact gactttgatt tcttaaaagt tattggaaaa 720
ggcagctttg gcaaggttct tcttgcaaaa cggaaaactg atggaaaatt ttatgctgtc 780
aaagtgttac agaaaaaaat agttctcaac agaaaagagc aaaaacatat tatggctgaa 840
cgtaatgtgc tcttgaaaaa tgtgaaacat ccgttttttg ttggattgca ttattccttc 900
caaacaactg aaaagcttta ttttgttctg gatattgtta atggagggga gctttttttc 960
cacttacaaa gagaacggtc ctttcctgag cacagagcta ggttttacgc tgctgaaatt 1020
gctagtgcac tgggttactt acattccatc aaaatagtat acagagactt gaaaccagaa 1080
aatattcttt tggattcagt aggacatgtt gtcttaacag attttgggct ttgtaaagaa 1140
ggaattgcta tttctgacac cactaccaca ttttgggga caccagagta tcttgacact 1200
gaagtaatta gaaaacagcc ctatgacaat actgtagatt ggtggtgcct tggggctggt 1260
ctgtatgaaa tgctgtatgg attgcctcct ttttattgcc gagatgttgc tgaaatgtat 1320
gacaatatcc ttcacaaacc cctaagtttg aggccaggag tgaagtctac agcctggtcc 1380
attctggaag aactcctaga aaaagacagg caaaatcgac ttggtgcaa ggaagacttt 1440
cttgaaattc agaatcatcc tttttttgaa tcactcagct gggctgacct tgtacaaaag 1500
aagattccac caccatttaa tcctaattgt gctggaccag atgatatcag aaactttgac 1560
acagcattta cagaagaaac agttccatat tctgtgtgtg tatcttctga ctattctata 1620
gtgaatgcca gtgtattgga ggcagatgat gcattcgttg gtttctctta tgcacctcct 1680
tcagaagact tatttttgtg agcagggggc cattcagaaa ccattgagca aaataagtct 1740
atagatggga ctgaaacttc tatttgtgtg aatatattca aatatgtata actagcgctt 1800
catttttata tgtaatgatg aaaactatga aaaaatgtat tttcttctat gtgcaagaaa 1860
aatagggcat ttcaaagagc tgttttgatt aaaatttata tttctgttta ataagcttat 1920
ttttaaacia tttaaaagct attattctta gcattaacct atttttaaaag aaaccttttt 1980
tgctattgac tgttttttcc ctctaagttt acactaacat ctacccaaga tagactgttt 2040

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09488725 "012100

```

tttaacagtc aatttcagtt cagctaacat atattaatac ctttgtaact ctttgctatg 2100
gcttttggtt tcacacacaa actatgcaat tggtagatgg ttgtttaaga agaaaccgta 2160
tttttccatg ataaatccact gtttgaaata tttggttcatt ggtatgatcg aaatgtaaaa 2220
gcataattaa cacattggct gctagttaac aattggaata actttattct gcagatcatt 2280
taagaagtaa caggccgggc gcggtggctc acgcctgtaa tcccagcact ttgggaggct 2340
gaggcgggca gatcacctga ggtcaggagt tggagaccag cctgaccaac atggacaaac 2400
cccgtctcta ctaaaaatac aaaattggca ggggtgtgtg gcacatgcct ataatcccag 2460
ctacttggga ggctaaggca ggagaatcgc ttgaaccggg gaggcggagg ttgcagttag 2520
ccgagatcgc accattgcac tcctgcctgg gcaacaagag tgaaactcca tctccaaaaa 2580
aaaaaagaaa aagtaccaa gggaaattat ttgtttttga aataccagtt caactttggg 2640
gattatTTTT cctttgaagg aaaaaaaa gcttaagggt taggattttt aagtattccc 2700
aaagatctga a 2711

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```

<210> 7691
<211> 2380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (296)...(2115)
<223> similar to gi6002478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7691
ggacttccgt ttcggtccag cggggtgctg gccattgttt gtgtggactg agtgttttgg 60
ccatcccgtt ccaactctcac aggtctccgtt aagtgcacatg aactctcagg aggactgagc 120
cagaagcgga cagggcaaga cgagctgtgc ttgaaggaag aggggcagaa aatcgagggt 180
cagggactga gaagctactc cggtttagaa accccagaga caccctgtga gatgggtaca 240
tcacggcttc tctcccacgt taagacttaa taaagaaagc ctgatctttg accagatggc 300
agtaacattt gaagatgtga ctattatatt tacatgggag gagtggaat tcttggattc 360
ttctcaaaaa agactctaca gggagggtcat gtgggagaa tacacaaatg tcatgtcagt 420
agaaaactgg aatgagagct acaaatccca agaagaaaaa ttcagatact tagaatatga 480
aaatTTTTCC tactggcaag gctggtggaa tgctggcgcc cagatgtatg agaatcagaa 540
ctatggggaa actgttcaag ggacagattc caaagacctc acacagcaag atcgttccca 600
gtgtcaggaa tggttaatac tctccacaca agtaccaggg tatgggaact atgaactgac 660
ttttgaaagc aaaagtctca ggaacttaaa atataaaaaa tttatgcctt ggagtcctt 720
agaaacaaaa accactcaag actatggtag agaaatctac atgagtgggt ccatggttt 780
tcaagggggc agataccgtc ttggcatatc caggaaaaac ctctccatgg aaaaagaaca 840
gaagctcata gttagcatt cttatatccc agtggaggaa gcccttccac agtatgttgg 900
ggtgatatgt caagaagacc tactgagaga ttcaatggaa gaaaagtact gtggatgtaa 960
taaagttaaa ggaatttatt attggaactc acggtgtgtt ttccacaaga gaaatcaacc 1020
tgagagaaac ctctgtcaat gctccatccg taaagcatgc ttctctcaga gatcagactt 1080
gtatagacat ccaagaaacc acataggtaa gaagctgtac ggatgtgatg aagttgacgg 1140
taactttcat cagagctccg gagttcactt tcatcagaga gttcacatag gggagggtacc 1200
ttatagctgt aatgcatgtg gtaagagctt cagccagatc tctagtcttc acaatcatca 1260
aagagtccac acagaagaga aattctataa aattgagtgt gataaagacc tcagtagaaa 1320
ttcattactt cacattcacc agagacttca cataggagag aagcctttta aatgtaatca 1380
gtgtggttaag agttttaatc ggagttcagt acttcatgtt catcagagag tccacacagg 1440
agaaaaacca tataagtgtg atgagtgtgg taagggtttc agccagagct caaatcttcg 1500

```

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aattcatcag ttagtacaca caggagagaa gtcttataaa tgtgaagact gtggtaaagg 1560
ctttacccag cgctcaaadc ttcaaattca tcagagagtg catacaggag agaaacctta 1620
taaagtgtgat gactgtggaa aggacttttag tcacagctca gatcttcgca ttcacagag 1680
agtccataca ggggagaaac cctataacttg tcctgaatgt ggggaagggct tcagtaagag 1740
ttcaaagctt cacactcatc aaagagtaca tactggagag aaaccctaca aatgtgaaga 1800
gtgtggcaag ggattcagtc agcggttcaca tcttctcatt catcagagag tccatacagg 1860
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cattcatcag aggggtccata caggagagaa gccttatcaa tgtgctaagt gtggtaaagg 1980
tttcagtcag agctcagctc ttcgaattca tcaaagagtc catgcaggag agaaacctta 2040
caaatgccgt gaatattata agggatttga tcataattca catcttcaca ataatcatag 2100
aagaggaaac ttataaatat tgttcattta gttaacagct ttaatcaaag tttacctaac 2160
ctttaaaccc tataaatcct gctgttaagg aaatcttata aataacacaa gtaatcccaa 2220
gcaacattta tagtttcccc tatctccccc taagaattat ttgcttcaaa aggagatctt 2280
tagaaaaaac cctatatatt taaaattata gtgtattttt ctttacctac tataaatata 2340
atacagtcag aaatatatta aacatttaag gagaaaacaa 2380

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```

<210> 7692
<211> 1029
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (386)...(491)
<223> similar to gi547004 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7692
tccatgcggt ggaattcgct gtctgcaaca aagtgcctgt tgggttgacag aggggtgggt 60
gcctgtaagt gtggtgcaca tttacacaca tttctacaaa atgactctac cttgtggcac 120
attgaagata attgtgtaag tagttatctc tgaaaactaa tatgccacct aatgctttaa 180
cacctgactc tgcaggggta gacgattgtt ggatttgtcc agccgtgggtc ctgggttcgt 240
gttcagtgtc tgcacgtcct gccatcatca ctgccacact tactgttgac agctgtccct 300
gctgcatgct cttagccagc tccatcctgt gctctcagct gatatttcac aggctgggcc 360
tggtgtgctc tggtgactca gtttactgtt tcaggatgca cctctctctg actgtacgga 420
aactatcgaa gggctcgagc ttacagagca gacctttagt cccgctaaat ctctctcttt 480
tagaaaggta ctactgccc tgtcctcact acctgtctat gcgccttgct cccctcccct 540
ccccctccc cgtctcctct cttcaggcat tgctcttagt tactgaagta gcttcaaagt 600
gatctttaac ctgtttgtga gattgtacag aaggttctgt tctatctact tgattcttta 660
attaaaacat ttgctatgag gtgtgataac aatttccagc attcgaagtt gttactgaga 720
aatggccagt ctgagcaacg tgggtgcatc ctgcagttcc gcacgggact ttggtcagtg 780
cgtgttttgg gtttcagaat ttgccttttc catgactctg actgcagaca gcctcttctg 840
ggcagtctgt tgctgttggc agcggccact cccgagtgcc cttccaccct cgctggttca 900
actttgactg taaatgtcat gaatgtagcc actagagggtc atatcattga aagatgtcat 960
ttcagaggaa tggggaattc agacagtctt tgtcagccct tgataaaatg tatttatttg 1020
tacctcaaa 1029

```

<210> 7693
 <211> 1710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1463)...(329)
 <223> similar to gi3820982 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7693

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gcagcagatg	ggggcgtgtt	ttgccccact	ctgtacaata	tagaagaatc	tcatatagat	180
actttgtata	aaagccacgt	gtcctcattt	gtgtcctctt	attggctggc	tgggctgggg	240
gtactggggg	acaaagaagc	tggggtgata	gaccaggaca	cagggatacc	ccatgggtccc	300
cttcctctg	ctgtccctg	gtggggtcac	tttgatcct	tgggtgggagc	atagcacagc	360
tccagtggcc	gggacacctt	ccagaatttc	tcattcacca	gctccagggt	cagcgagcca	420
ttcaacgtcg	tgaacgcccc	gcctccaggt	gcgatgtaga	tgggtgtactg	cttttctactg	480
acgccctcca	ggctgggcaa	agcaggctcc	tcaggaccgt	cacctcctcc	ggcaccacca	540
ccctccccgc	cacacccatc	aggtcctccg	gtgtcagagg	cgccccctcc	aggccctcct	600
ggctccccctg	cttcctgctg	ttgcctccgc	tcgagggcaa	tgcgcagggc	caagtacttg	660
gagaggtggt	ccactgtggc	attcccagtt	gtcttcacat	acctcgtctg	gcagtattct	720
cccttctcca	cgagcagggg	gtggggccgg	aacacgagct	caatttctcc	acctggctct	780
ggggggctgg	gggccccagg	agggcttggg	gggcccagcg	ttccccctcc	cagagtcctt	840
ccccggtcac	cagagtcttc	cgaaccggca	ccccaccaca	ccccaccagt	gccgcctccc	900
cccgctcccta	cactgctccc	ccctgcgccc	cctccacggg	gtcgttggg	agcagggcct	960
ggggcagagt	caggggcgga	gtctgagctc	acatcttctc	catccccctc	tccctccccg	1020
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acacgctggg	ccctgtgcat	ggcctgcatg	cgtagccctt	cctcaatgct	ggagctcaat	1140
gcctgctggt	tgtgcaggcg	gctcaggcgg	ataagcactc	ggtcttgatg	ggcctcgat	1200
tcctccccgc	taggatagat	cttagagatc	agggcaccaa	agttgggggtc	tggccgtagg	1260
gatcgcttgg	acaccagctt	ctttcggcag	gtaggacact	ccttggtccc	gctccgtagg	1320
gctgtgacaa	tgcagtacga	gcagaatctg	tggaggcact	ccttggtggt	catcgatttc	1380
ttcagcatgt	ccaggcagat	agggcacatg	agttctgaat	gcagtgaccg	aggggaaaca	1440
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agttccccacg	ttttgctggc	attctgggca	ttcgccggcg	tcgtcatggt	gaccggggcg	1560
agacccccca	ccagggtctc	acagccgagg	agaaggcgaa	gaaggccagc	tccagccggt	1620
cgcgctccccg	ccgccgcgcg	gcctctccct	aggcccgggc	tcctggggcca	agttcgctcg	1680
gtccgcgaacc	gctgctcaga	cagcacgaaa				1710

<210> 7694
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (60)...(259)
 <223> similar to gi3451305 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7694
 ccggagtcgc caacatgtcg accgccatga atttcgggac caagagcttc cagccgcggc 60
 ccccgacaa gggcagcttc ccgctggatc acttaggtga atgtaaaagc tttaaagaga 120
 aattcatgaa gtgtcttcat aacaataatt ttgaaaatgc tttgtgcaga aaggaatcaa 180
 aagaatattt agaatgcagg atggagagaa aattgatgct acaagaacca ttggagaaac 240
 tgggatttgg agacttgact agtggaaaat cagaggcaaa aaaatgaatt ttgatgagaa 300
 gacccttggg ccgtgttcag tggctctctca ggacggagg catcatcctg cctcttaggt 360
 tggctgaggc ctgcgtgtgg tgtccttaga aatgggcttc gaatagaagc tccagccctg 420
 tggggggcgtc tcctgggtag ggagtggcgt cccgttttcc cttaggaggg tgtttctgca 480
 ttgaaccctt gagtgggacg gcgttcccgg caaagctggg agggaggcga gcgtggggca 540
 agacccttgt cttcgaggcc ggggccctct tgtatggggc ggttttatgt tgcagtcctc 600
 tgatactttc tgagttcaaa gaggtaaatg tataaatttc agtcccttct gaacacagat 660
 atcatcagaa aattaccatt ccctagcagg atgttttctg gtttgtattc gtatatgcca 720
 gttcatttcc tttgaaaaaa aaaaaagggg gaccccaaaa aaaaaa 766

<210> 7695
 <211> 7471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (91)...(4940)
 <223> similar to gill181628 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7695
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 cgcggggccag ggacgctgag cggctcgccc atggaggggc ccgagccccg cgcgcggccc 120
 gagcgcctgg ccgaggccga gacgcggggc gcggacggcg ggcgcctggt ggaggtgcag 180
 ctgagcggcg gcgccccgtg gggcttcacc ctgaaggggc gccgcgagca cggcgagccg 240
 ctggatcatca ccaagattga agagggcagt aaagccgcgg ccgtcgacaa gttactggct 300
 ggagatgaga tcgtcggcat caatgacatt ggtctctcag ggttttagaca ggaagcgatt 360
 tgccctggtga aggggtccca taagaccctg aagctggtcg tcaaaaggag gagcgagctg 420
 ggctggaggc ctactcctg gcatgccacc aagttctctg acagccaccc cgagctagcg 480
 gcctccccgt tcacctccac cagcggctgt ccttcctggt ccggccgaca ccacgcgagt 540
 tcttcctccc acgacctgtc cagttcctgg gagcagacga acctacagcg caccttagat 600
 cacttcagct ccttggggag cgttgacagc ctggaccacc cctccagtcg cctctcggtg 660
 gccaaagtcca acagcagcat cgaccacctg ggcagccaca gcaagcgaga ctccggcctac 720
 ggctccttct ccaccagctc tagcactcct gaccacacct tgtccaaagc cgacacgtcc 780
 tccgcagaga acatcctcta cactgtgggc ctctgggagg ctcccaggca ggggtggccgg 840
 caggcccagg ccgcaggcga ccctcagggc tcggaggaga agctcagttg tttcccgccc 900
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gctgcccctg	ggaggtccaa	ttttgggcca	gtctggtatg	ttcccataa	gaagaaagca	1020
ccatcatccc	cacctcctcc	ccctccccct	ctccgcagtg	acagctttgc	tgccaccaag	1080
agccacgaga	aggcccagg	ccctgtgttc	tcagaggcgg	ctgcggcaca	gcacttttacg	1140
gccttgcccc	aggctcagcc	tcgtggtgac	cggagaccag	agctcaccga	tcggccttgg	1200
aggtcagcac	acccggggag	cctcgggaag	ggatcgggag	gcccgggctg	cccacaggag	1260
gcccacgcag	acggcagctg	gcccctctcc	aaggatggag	cttcagtag	gctgcaggcc	1320
tctctgtcca	gctcagatgt	gcgcttccct	cagtctcttc	atagcgccg	acaccctccc	1380
ctatacagcg	accacagccc	cctctgtgct	gacagccttg	ggcaggagcc	aggggctgcc	1440
agcttccaga	acgacagccc	tcctcaggtg	agggggctca	gcagctgtga	ccagaagctg	1500
gggagcggct	ggcagggtcc	cggccctgt	gtgcaggag	acctgcaagc	agcacagctc	1560
tgggcgggat	gctggccttc	tgacacagcc	cttgagccc	tcgagagtct	ttccccaccc	1620
acggtgggccc	agagcccacg	ccatcaccta	cctcagcctg	agggctctcc	ggatgcccgc	1680
gagacaggac	ggtgttacct	gctggacaaa	ggggccgagg	gctgctccgc	gggagcccag	1740
gagcctccca	gggccagccg	tgacagaaaa	gccagccaga	ggctggcagc	cagcatcacg	1800
tgggcagatg	gggagagcag	caggatctgc	cgcagagaga	cgcccctgtt	gcactccctg	1860
acccaggagg	ggaagcgccg	gcctgagagc	agtccagagg	acagcgccac	cagaccgcca	1920
ccgttcgacg	cccacgtggg	caagcccacc	cgaagaagcg	accgctttgc	caccaccctg	1980
cggaatgaga	tcagatgca	tagagccaa	ctgcagaaga	gccggagcac	agtggctctg	2040
actgcagcag	gggagggcga	ggatggcacc	ggccgctgga	gggcccgggt	gggaggtggc	2100
acccaggaag	gacccctcgc	tggcacctat	aaagaccacc	tgaaagaggc	ccaagcccgg	2160
gtcctgagg	ccacgtcctt	caagcgccgc	gacttggaac	ccaaccagg	agacctatac	2220
ccggagtcac	tggaacaccg	gatgggggat	ccagacactg	ttccccactt	ctgggaggca	2280
ggcctggccc	agccaccctc	atctacaagt	ggcgggcccc	acccgccccg	catcgagggc	2340
cggagacggt	tcacagctga	gcagaaattg	aagtcctact	cggaacctga	gaagatgaac	2400
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gtgggcacgt	ttgctgacag	gtggaagttt	tttgaggaaa	cgagcaaacc	tgttccccag	2520
aggcctgccc	agaagcaagc	tcttcacgga	atcccagag	acaagccaga	gaggcccgcg	2580
acagcgggccc	gcacatgtga	gggcacggag	ccctggtcgc	gcaccacctc	ccttggggac	2640
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ttcattggag	acctggacaa	agtgggtgaa	ctcctgctgt	cgctgtcagg	ccgcctggcc	4620
cgggtggaga	atgccctcaa	taatttggac	gacggcgctt	ctcccgggtga	tcggcaatca	4680
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cctgtcagtt	cccccaattga	caagtcacag	actgggagaa	aataatttgc	aatcgtgtat	6120
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aaacagccca	agtgaaaaagc	aggcaaaaaga	cttgaataga	cacttcacca	aagagcatac	6240
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taacttactt	attttttatct	aataatttga	gattcagttg	atttcttcaa	aaaatgttta	6360
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aaatccctgt	tctgccagcg	aagcttcctc	ctcctctcca	gctggtaggt	acttgcgtga	6840
atgctggtca	gtctgaaaag	gtgaagctgg	ctgtgcactt	acccccatct	ttctccctcg	6900
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ttgccctcaa	atacagtatt	ggggtcattt	tgatgatag	tgtgtaaaat	gtgaataatc	7020
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ccctgtttgc	ctctgaaacg	tctgttagt	ggggacccaa	agattctagt	gagtcaacat	7200
ccataactct	gtatctagtt	gtattattca	tagaaaatca	atctgggtgct	aatgggtggc	7260
cctggtgttg	ttgggtggca	gctgctcctt	cgccctcttg	tagtgtggct	gtggagggct	7320
ctgcctatgg	ggggtggcct	gtggcttgta	tccttcagtc	caccacagca	aatgtgtgta	7380
gatttcatgc	tcgacactta	ccactcacct	atcaacagat	catcctgctt	gactggtaac	7440
aaaataaata	gtgtatcatt	caaaaaaaaa	a			7471

<210> 7696
 <211> 963
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(961)
 <223> similar to gi4200234 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7696
 tttcgtccgg cgggtcgggtg agcgcgggcc gggccggaca tggcggcgct ctacgcctgc 60
 accaagtgcc accagcgctt ccccttcgag gcgctgtctc aggggcagca gctgtgcaag 120
 gaatgtcgga ttgcacaccc tgttgtgaag tgcacctact gcaggactga gtaccagcag 180
 gagagtaaaa ccaatacaat atgcaagaaa tgtgtctcaga acgtgcagtt gtatggaacg 240
 cccaaacctt gtcagtattg caacataatt gcagcattta ttgggaataa atgccagcgc 300
 tgcacaaatt cagaaaagaa gtatggacca ccctattctt gtgaacagtg caagcagcag 360
 tgtgcatttg acaggaaaga tgatagaaag aaggtagatg ggaaattgct gtgctggctg 420
 tgcacacttt catacaaacg ggtccttcag aagaccaaag agcagaggaa acacctgagt 480
 agctcttctc gtgctggcca ccaggagaag gagcagtata gtcgcctgag tggggggggc 540
 cattataaca gccagaaaac actttctaca tcttcaattc aaaatgaaat cccaaagaaa 600
 aagtccaagt ttgagtcaat cacaactaat ggagacagct tctccccaga cctggctctg 660
 gactcaccag gcactgacca ctttgtcatc attgcccac tgaaggaaga agtggctacc 720
 ctgaagaaga tggtgcatca aaaggatcaa atgattttag agaaagagaa gaagattaca 780
 gagtgaagg ctgattttca gtaccaggaa tcgcagatga gagccaaaat gaaccagatg 840
 gagaaaaccc acaaagaagt cacagaacaa ctgcaggcca aaaaccgaga gctcctgaag 900
 caggcagctg ctttgtccaa gagcaagaag tcagagaagt caggagctat aacctctcca 963
 tga

<210> 7697
 <211> 1349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (354)...(779)
 <223> similar to gi4633066 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7697
 ccggtccgga attcccgcag acgatttcgt ctgacttccc cttagcaacc aagtcgcggc 60
 gcttggttcc ccagcaaccg ggagacgcgt ctgctgcgtg gaaccgccga gttcccagcg 120
 cttgagaagg aaaattcttg atctgttatc tgtgaggagg ccaactccgtt gacagttgtg 180
 taaaactctg ctgctttccc cagctccaac ctctctggtc ttcaacaaca ctatcatcag 240
 ggaaaacgtg ggggaagatg aaccagccgt gcaactcgat ggagccgagg gtgatggacg 300

```

atgacatgct caagctggcc gtcggggacc agggccccc ggaggaggcc gggcagctgg 360
ccaagcagga gggcatcctc ttcaaggatg tcctgtccct gcagctggac tttcggaaaca 420
tcctccgcat agacaacctc tggcagtttg agaacttgag gaagctgcag ctggacaata 480
acatcattga gaagatcgag ggcctggaga acctcgaca cctgggtctgg ctggatctgt 540
ctttcaacaa cattgagacc atcgaggggc tggacacact ggtgaacctg gaggacctga 600
gcttgttcaa caaccggatc tccaagatcg actccctgga cgccctcgtc aagctgcagg 660
tgttgtcgct gggcaacaac cggattgaca acatgatgaa catcatctac cttcggcggt 720
tcaagtgcct gcggacgctc agcctctcta ggaaccctat ctctgaggca gaggattaca 780
agatgttcat ctgtgcctac cttcctgacc tcatgtacct ggactactgg cgcattgatg 840
accacacaaa aaagcttgcg gaggctaagc accagtacag catcgacgag ctgaagcacc 900
aggagaacct gatgcaggcc cagctggagg acgagcaggc gcagcgggag gagctagaga 960
agcacaagac tgcgtttgtg gaacacctga atggctcctt cctgtttgac agcatgtacg 1020
ctgaggactc agagggcaac aatctgtcct acctgcctgg tgtcggtgag ctccttgaga 1080
cctacaagga caagtttgtc atcatctgcy tgaatatatt tgagtatggc ctgaaacagc 1140
aggagaagcg gaaaacagag cttgacacct tcagtgaatg tgtccgtgag gccatccagg 1200
aaaaccagga gcagggcaaa cgcaagattg ccaaattcga ggagaagcac ttgtcgagtt 1260
taagtgccat tcgagaggag ttggaactgc ccaacaccat tcttccccc cccctggaaa 1320
aacttccaaa agtagagaaa ataaaggac 1349

```

```

<210> 7698
<211> 1329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1071)...(213)
<223> similar to gi5304876 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7698
tttttttttt ttaaaaggct aattctatatt tatttggttct gagagggagg attcaccag 60
tggatccttt tccctacact ctccctctcc ccaatattga ggctctctcc caactactgc 120
ctattcagca ttctctatct aacctctcct ccccttctac ttcctatact atcctacccc 180
tggccagcag taccccaagg ccaggccctc agctgtgggg gcgtgtgctg agcaccaagc 240
agagggagct gagcccggcg ccagccttct ccagttctga gcaggacaca ggtaccaggg 300
tgacatcaga gagcttctgc agtgctcct ggctgttggg cagatcccca cctccacggt 360
gcaggaggaa aggggggcaca ccaggcaacc caggacgaag aaagagacag tcagcagctg 420
cgatcatctg gagggtcagg gaggcataat ggtgatctgt cagcactgcc attgcccgga 480
cagccttttg ggcagcgctg ctgctgcctg ccacaacagt gcgaggtccc cccatgccgc 540
agagaccgag caggtgggag ggacccgaga ctggcacagt ggagacggcg aagtcccgga 600
acgtgtccgc cacgatctca gtcctctcgt gattgggtcca tttggagagg cctacgaaaa 660
actcccgccc ggtgaagaga acgtcagtcg catccagcgt cgcgttctcg tctcctatct 720
ccacaattcg gagccccagg tcttgaggag ctttgaggac tccatcgacc tctggcctac 780
gagcggggct ccaggggcgc gtgattaggg ccgtgtcccc ttggatcacg gccgtgtcgc 840
caagcagcgg tcccagcggc aatgactcct caggtggcag ttctagcagc ttagagctttg gccagatcca 900
gtcgttgctc cagtttacct cccagcacc cgtgtccct ttgagctttg gccagatcca 960
gagcgggaag gccagcccc gcaccttccc ccgacggcag gctctctggg actccccgga 1020
tcagggcatt ggagcagcgg cccagccct ccccgcggt ccccatccca tccacacaga 1080
ctccccctcc aaccgctcgg atttcttagt tttcttggtt cttcacctgt ctccagcggc 1140

```

```

cacccccact cctgtcgcgc tgtgatctcg gctggggccc cacccccga ggacagagtt 1200
ggtggagaag ggagtccccg tcttcaagcc tcggggactg ggagctctgg cttttagcgg 1260
gggtccttgt gtaggcgagc tcatatacta cgatggggca ggggcgcgac ggtctggcgg 1320
ctccggggc 1329

```

```

<210> 7699
<211> 2018
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2019)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1839)...(64)
<223> similar to gi5911862 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7699
tttttttttt ttggactgct tagaaaattc agctttaatg gccccagccc ttctgtctga 60
gtctagtagt ccagggcaca gatgagggcc acaccacgct ttatccagtg tcgctggggc 120
tgatgggtgg ggatctccac agcaatgaca tagttggtag agtgtcctgt ggttgatagt 180
gttccagcac gagtcaagtgt cttgtagatg gggcacaggt aaaagtcctg gtcctggggc 240
ttgcggttgg gtgttggtgaa gagccagata acggccatct ctgtgtacag ctccttgggc 300
tgagactcag ccagctggaa ggctcttga tcccagcggg caccttccag gaataatcca 360
tggatatagc accctacttg gggctcttgt gttaactctg atggtgcctc aaacatcacc 420
ttgaaatcaa aggagatggg gtcaatggag atgacaaatt tgcgggcaaa attctgcaga 480
gtgcctgtta agaaagcctg ggggaagaag aatccactga tccagaagac agctgggatg 540
ccatcttgga tccaggcctg cagaaagtcc aggcgttgca gcagggtccat gacctatgat 600
gacagaggct tgagcgatgg gtaggccttg gcactccaga gctcaggcac agtattgttg 660
tacaggctgg cagccatcag ctccagctga gaggacatca ctaccagccc cttgagtgcc 720
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tcttgtaacta gtactgtgtt cattgattcc tcatacagca ctgggtactt ggccatcacc 840
cattgcaagt tgataggctc aggcaccttg agcagaatgt tttgggtgac gtctctcact 900
atctcctccc ggccttggct gcctgcagaa gatgatattg gttgcagctg gatgatgggtg 960
cccaggaggg cgaacgtctc gttctgggca aaggtgatgt tggcattgtc atgcaggcca 1020
aagatctcag gcatatcatt gagtgggagg ctcttgatgt aggagaggta gccgtggagg 1080
tcgtaggtag gcgggatctg gtggtagatg cccgaggcgc tgtagctgtg ctacggggag 1140
agcacgtcag ggttgtagaa gtcctccaag atgttcatga tgcagcgccg gtcccagtc 1200
tcagtgcacac ggccccgta attgatctcc cctgccgtgt acttgaggac cttgtagggg 1260
atgtcatcat attcgtccag gaacatcttg agctggctga tgcagatgcg cagatctcca 1320
tccgtgaact cataggggat gttgaagccc aggggcccaa acttacggcg ctccaggggc 1380
ttcccatgga acaagcacag agacagcagc agagacttga actccatcac cttgtggcag 1440
gagttgagga agtcttcacc aaggctacta taggacttca gcaggttggc cctgacaccg 1500
cgtggcggct caatggtcat cttggagccg ttctgcagga tggacactgg gaacttggtg 1560
ctgggcaggc tggtagacca gaggcggaag tccctgtgta ccttgctcgg gttgatgtgc 1620
tcgatgaggc gttctagggc tggcatccag cttggtgcca ggtggcagtt ctggaagaag 1680

```

acccatttgc	ccctctctat	ggagctgcgc	atcatggcctt	ctgcccagag	gccctgcccc	1740
tggcccagg	agatggcaga	gagctttttg	gagaacttca	tttcttcggc	aaacttgtag	1800
aggtcggcag	cagggctctgt	gccgggtgac	agcacaaaga	tgaggggtgt	ggtggagttg	1860
gagtccttga	acaccactga	cagattggct	gtctgggggtt	caatgaagcg	tggctccagg	1920
ttggtgacca	aaaagtcctg	catggcgctt	gtaacctgt	ccccacgcag	gcagcgcctc	1980
gtaccaagct	gnnnntntca	tgctgtaacg	taatcaag			2018

<210> 7700
 <211> 2746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2725)...(1035)
 <223> similar to gi3493162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7700						
ggtgctggtg	ggcgcacagg	tgcacctgat	gtcactgtgg	gcacgacagc	tgggccagag	60
gaccaccacc	agctggtagg	acacagcacc	ctcgcgctgt	gggagcagtt	gggtgcactt	120
tggcgctctg	tgtcttgtga	ctggaagctg	tgtttatggg	attttgcaaa	tactaacata	180
aatgggcact	cagtaaacac	ccagtttagaa	aacgttttat	ggacacggaa	cgctccactg	240
taacgggcag	gcagaacaca	ctcctttccc	aggctcatca	attaaacaga	aaacagggga	300
gctctcctca	ccccagcctg	gcccgtgtgt	ccccaatggc	ccctgcgagg	cccctaccat	360
ggcctgcctg	ggagacacaa	actatgacag	gaacacactg	gactgataca	gaatgaggcc	420
agacacaccc	atgcctgtgc	ctcccaagag	cgaccccagg	acagtggggc	agacagaggt	480
gtctacactg	gcagaaacaa	gggctggagc	cacacgtgat	gctcggacac	aaacggcacg	540
cagctctgca	gcctggccac	acacccttcg	cgtatgactc	cactcctcag	ggttcacggg	600
gctgtgtaca	gagactctct	ctgctgacac	gatggccaca	cgcccttcgt	gtatgactcc	660
actcctcagg	gttcacgggg	ctgtgtacag	agactctctc	tgctgacacg	atggccatat	720
ggccttcgcg	tatgactcca	ctcctcaggg	ttcgtggggc	ttggagactc	tgctgacatg	780
ataccacaga	caattcatta	cctccccgcg	gctgcttccc	gcatgccaaa	ggggacagga	840
tcaaagtcct	tgtctgatga	caaaaaactct	acacgtgcaa	aataaaaacta	aaaaaataaa	900
ataaaaagagc	tgaaggtggt	ctagagttag	gtcttggcag	aggccgcagg	ctctggagac	960
tgaagaaact	cataggggtc	gtgggtgacg	tctggctgct	ccccgacact	caggcgagaa	1020
gggcttccca	ggtggtgctg	gtccctctcg	gagggcgttg	acagggagct	gaggttgagc	1080
gacggccgag	agccgcgcgc	ctccgcctgt	gcttcgtgca	ggtcctgcag	gagcttcgtc	1140
gtctcatcca	agttcaaatg	gctgtcgtca	gggtccagct	ccttcttcac	cttccccaga	1200
gagctgagca	tggagatatc	cacagaaacg	tccggatagg	acttcacatg	catgaactcc	1260
agaacagagc	tgctgctgtc	tcttaggggtg	tccccaacct	tggcttcac	tggaggcttc	1320
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```

<210> 7701

<211> 1697

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(1672)

<223> similar to gi2411475 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7701

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ccagagttca gtcctgg 1697

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<210> 7702
<211> 4041
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (161)...(2453)
<223> similar to gi3283370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7702
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<210> 7703
<211> 4323
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (690)...(2568)
<223> similar to gi416180 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7703						
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cta						4323

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<210> 7704
<211> 1464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (288)...(1347)
<223> similar to gi24479 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7704						
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ccaactatga	tgagtatgcc	attttcctga	ccaagaaatt	cagccgccat	catggaccca	720
ccattactgc	caagctctac	gggcgggcgc	cgcagctgag	ggaaactctc	ctgcaggact	780
tcagagtggg	tgcccagggt	gtgggcatcc	ctgaggactc	catcttcacc	atggctgacc	840
gaggtgaatg	tgtccctggg	gagcaggaac	cagagcccat	cttaatcccg	agagtcggga	900
gggctgtgct	acccaagaa	gaggaaggat	caggggggtg	gcaactggta	actgaagtca	960
ccaagaaaga	agattcctgc	cagctgggct	actcgccggg	tcctgcatg	ggaatgacca	1020
gcaggtattt	ctataatggg	acatccatgg	cctgtgagac	tttccagtac	ggcggctgca	1080
tgggcaacgg	taacaacttc	gtcacagaaa	aggagtgtct	gcagacctgc	cgaactgtgg	1140
cggcctgcaa	tctccccata	gtccggggcc	cctgccgagc	cttcatccag	ctctgggcat	1200

ttgatgctgt	caaggggaag	tgcgtcctct	tcccctacgg	gggctgccag	ggcaacggga	1260
acaagttcta	ctcagagaag	gagtgcagag	agtactgcgg	tgtccctggt	gatggtgatg	1320
aggagctgct	gcgcttctcc	aactgacaac	tggccggtct	gcaagtcaga	ggatggccag	1380
tgtctgtccc	ggggtcctgt	ggcaggcagc	gccaagcaac	ctgggtccaa	ataaaaaacta	1440
aattgtaaac	tcctaaaaaa	aaaa				1464

<210> 7705
 <211> 1029
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (949)...(214)
 <223> similar to gi4894854 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7705					
tttttttttt	ttagcagaca	cagacacaga	tgttttattcc	aggaagaggt	ctaagaaacg	60
agcttcttag	agcatgtgtc	acggggcagc	cagtcctggg	gctctcagag	ccagccccct	120
cccttcagca	gctgaagcaa	tagcgcccc	attttacagg	cggagcatgg	aagccagaga	180
ggtgggtggg	ggaggggggtc	cttccttggc	tcaggcagat	gggaagatga	ggaagccgct	240
gaagacgctg	tcggcctcag	agccctggta	aatgtgacct	tttttgggg	ctttttcaac	300
ccagacctgg	tcaccctgct	gcagctgaag	caccatgccc	cctgacacca	cctggaagag	360
ccccttggtg	gtggtgtcac	agaagcccag	ggagcgctcg	acctggcccc	ttgaggagga	420
gacgatggac	aggcagattt	cccactggga	cagcacctgg	aaggtgaagt	agtagtagcc	480
gggtacagtg	cagacgaatc	ggccggagtg	gttctggtac	ggttcttcct	ggttggtgat	540
gaccgtgtcg	aagatgacca	cgttgcccc	cattgggggg	ttccgccgaa	tggcggagaa	600
ggctggcctc	ggctggtcct	tgatgtttcc	tgggctgccc	ttggtgcctt	taattcccgg	660
gatgccacgg	gccccgaggg	ggccgctggg	ccctgggtag	cccaccttgc	cggggtttcc	720
agagggccca	ggttccccct	ggtctccttt	aaggccttgg	atgcctgtcc	ggatgccagg	780
ggcccccggc	tccccttgct	ccccttgag	gcctggccgc	ccccgtctgc	caggtcttcc	840
tgccctccct	ttcttcccgt	ctgggtgctcg	gcacaagtcc	tcggtcacca	tagaggccag	900
cgatatggcc	agcacacaga	gcaccagcca	tccccgggga	ccctccatga	tgccctctgc	960
tcctgttgct	gactgcccgt	gcatgcgaat	tcgacctcac	aggactaggg	gtctcgaant	1020
tttttttct						1029

<210> 7706
 <211> 2178
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (136)...(574)
 <223> similar to gi2662291 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7706

attggctgtt	gctaggaacc	gtctcaaggc	cttatgggcc	ctggttacgg	aagccgagga	60
aggctgagcg	cgggctctca	aggaaagtag	tcgcggaatc	tcagttagcg	gtggagagggc	120
agtatgtccg	gttcaatggc	gactgcggaa	gctagcggca	gcgatgggaa	agggcaggaa	180
gtcgagacct	cagtcaccta	ttaccggttg	gaggaggtgg	caaagcgcaa	ctccttgaag	240
gaactgtggc	ttgtgatcca	tgggcgagtc	tacgatgtca	cccgttcct	caacgagcac	300
cctggaggag	aagaggttct	gctggaacaa	gctggtgtag	atgcaagtga	aagctttgaa	360
gatgtaggac	actcttctga	tgccagagaa	atgctaaagc	agtactacat	tggtgatatc	420
catccgagtg	accttaaacc	tgaagtgtgt	agcaaggacc	cttcaaaaaa	tgatacatgc	480
aaaagttgct	gggcatattg	gattttaccc	atcataggcg	ctgttctctt	aggtttcctg	540
taccgctact	acacatcgga	aagcaaacc	tcctgaggag	gccttgctga	agttagaaaag	600
tgcattccact	ttggggcgaa	aactagagac	ttgcttgggg	gctgcagaag	tgccctctcc	660
tcgaatcctg	ccagttgcat	tcttccccct	tggagccaag	acgattggcc	agacatcacc	720
tcagatctga	gaccagcgtc	ttccatctct	cagagcctta	ctcccaaagt	acctgctcac	780
tgttccgtgt	tgaacaattg	ccggtgtttc	ctctcttcac	tggtttccat	gagtaccctt	840
atatttcaca	actttctgtt	cataagttat	agtgcatttg	ctctttggta	aaaatgcctg	900
ctttccaata	ctttgattgc	atattagaca	ttcttaacag	ggcggcagtc	tagtggtgaa	960
agttttat	ttccattttt	cttttaagta	aatttttttt	aaaaaattct	gatttagggc	1020
taggtgtggt	ggctcaggcc	tgtaatcctg	gcactttggg	aggccaaggt	gggaagatcg	1080
cttgaggcca	agagttcaag	accagcctgg	gcaacatagc	gagacccta	tctgtattaa	1140
aaaaaaaaat	gatttaattc	ttttatttat	cataaggggt	ttaattcctg	aagtaaaggt	1200
ttgcacctat	taaacttaaa	actgccaaat	gatttttgtt	cttttatgtg	cgtgataaaa	1260
atacaaagaa	tggtgtggcc	acctcctccc	tttcaagcta	gggcagcagg	tagctcttcc	1320
cagccctga	gccagcccc	ttccaagtgt	gtgccggaca	aaaaactaca	tgcccttttc	1380
gtgtcttggg	ggtggaaagg	gagggatgaa	ttgggggtgat	agaaccctgg	tgaattcaga	1440
gtaatctttc	tttagaaaac	tggtgttttc	taaagaaaca	ggataggagt	ttagagaagg	1500
caccaaagct	ttcacttttg	tttggcacca	gtttctaacc	atctgttttt	tctaccctag	1560
ctatctttta	ttggtaaaat	ataaatgtat	aattatgttt	gtagagcttt	accaaggagt	1620
ttccctcctt	ttttgtttgt	tgattagcaa	atttttgatt	ctccattttc	caaaagtaag	1680
agactccagc	atggccttct	gtttgccccg	cagtaaagta	acttccatat	aaaatgggat	1740
ttgaaagtga	gagttcatga	caacagaccg	ttttccattt	catctgtatt	ttatctccgt	1800
gactccaact	tgtgggtttg	ttctgttttt	ccatgagaat	aaaatactgg	cggttttttt	1860
ctcagatgtg	tgttcattga	gaagtagggt	actagaatta	tgttactgtg	tcttattggt	1920
tcaatgatga	tttctctggc	atattagact	tttatttttt	cccccatgga	agcacttgag	1980
gaaataaata	gtacactggc	tgttttctgc	cagcaactgt	ggtgattttt	ctccctgtcc	2040
tttgagaatt	gctagtctgc	ttctgagcca	ttgtcatatc	cagcaggagg	cagcttggtt	2100
caagaaggac	catagaggct	gctcagcatc	tcctccctcc	ctcccagctt	gccagggatt	2160
tgatgagaca	ggaaactg					2178

<210> 7707
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (107)...(547)
 <223> similar to gi4321151 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7707
 gcggccgctg cggccatggg tgctgtcgtt gggctccatg gtgggcctca tgacctacgg 60
 gcggcgccaa ttccagtccc tggacacgac gatgcggcgc ctgatcccgc cttccgcga 120
 ggcttcggcc aagctaacca cgctgggtga tgccgacgcc gaggccttca ccgcctacct 180
 ggaagcaatg aggtcctcca agaacacacc tgaggaaaag gacaggcgca cggcggccct 240
 acaggagggg ctgaggcggg cagtctctgt gccgctgacg ctggcggaga cgggtggcctc 300
 gctgtggccg gccctgcagg aactggcccg gtgtgggaac ctggcctgcc ggtcagacct 360
 ccagggtggc gccaaagccc tggagatggg tgtgtttggc gcatatttca acgtgctcat 420
 caacctgagg gacatcacag acgaggcatt taaggaccag atccaccatc gtgtttccag 480
 cctcctgcag gaagccaaga cccaggctgc actggtgctg gactgcttgg agaccgggca 540
 ggagtgcaga aaccccgagg acagcaggac cttgcacgct ggaaggatag cctcgcttcc 600
 cagggtgcagc tcccggcagg tctggacagt tccacagagc acggtactgg ccctgtcctc 660
 agttcccgtc cacccttcaa ccagtggctc ctgggagact tttcctccct gcctcagctc 720
 cctgcccgag cagcctcctg tctccagaga agttctccat taaaaataa tttagcaaata 780
 caaaaaaaaa a 791

<210> 7708
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (86)...(544)
 <223> similar to gi4929739 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7708
 gcgcccacgc gtgcggcccc tgccactggg ccatggagac tgtggcacag tagactgtag 60
 tgtgaggctc gcggggggcag tggccatgga ggccgtgctg aacgagctgg tgtctgtgga 120
 ggacctgctg aagtttgaag agaaatttca gtctgagaag gcagcaggct cgggtgtccaa 180
 gagcacgcag tttgagtacg cctgggtgcct ggtgcggagc aagtacaatg atgacatccg 240
 taaaggcatc gtgctgctcg aggagctgct gcccaaaggg agcaaggagg aacagcggga 300
 ttacgtcttc tacctggccg tggggaacta ccggtcgaag gaatacgaga aggccttaaa 360
 gtacgtccgc gggttgctgc agacagagcc ccagaacaac caggccaagg aactggagcg 420
 gctcattgac aaggccatga agaaagatgg actcgtgggc atggccatcg tgggaggcat 480
 ggccctgggt gtggcgggac tggccggact catcggaact gctgtgtcca agtccaaatc 540
 ctgaaggaga cgcgggagcc cacggagaac gctccaggag ggccgtgtcca tcctcgctgt 600
 cctttccctg ttctcccctt gcccccgctc tctatcctct gtggccttca gctaatttct 660
 gctcccctga gattcgtcct tcagcccat catgtgcttt gggatgagtg taaataaaac 720

ggggctgtgg cttgggaaaa aaaaaa

746

<210> 7709
<211> 1304
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (131)...(1090)
<223> similar to gi57225 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

00403725-013100

<400> 7709
cgagtgtggc ggaattcgcct ggttccctgg caggctggag ggcaggagct ggggccacgc 60
tggctctggga tagttgggca gggaggctgt ctacctggtc tccagaatgg acggccctgt 120
ggcagagcat gccaaagcagg agccctttca cgtggtcaca cctctgttgg agagctgggc 180
gctgtcccag gtggcgggca tgcctgtctt cctcaagtgt gagaatgtgc agcccagcgg 240
ctccttcaag attcggggca ttgggcattt ctgccaggag atggccaaga agggatgcag 300
acacctggtg tgctcctcag ggggtaatgc gggcatcgct gctgcctatg ctgctaggaa 360
gctgggcatt cctgccacca tcgtgctccc cgagagcacc tccctgcagg tggatgcagag 420
gctgcagggg gagggggccg aggttcagct gactggaaag gtctgggacg agccaatct 480
gagggcgcaa gagttggcca agaggacgg ctgggagaat gtccccccgt ttgaccaccc 540
cctaatatgg aaaggccacg ccagcctggt gcaggagctg aaagcagtgc tgaggacccc 600
accaggtgcc ctggtgctgg cagttggggg tgggggtctc ctggccgggg tggatggctgg 660
cctgctggag gtgggctggc agcatgtacc catcattgcc atggagaccc atggggcaca 720
ctgcttcaat gcggccatca cagccggcaa gctggtcaca cttccagaca tcaccagtgt 780
ggccaagagc ctgggtgcca agacggtggc cgctcgggcc ctggagtga tgcaggtgtg 840
caagattcac tctgaagtgg tggaggacac cgaggctgtg agcgctgtgc agcagctcct 900
ggatgatgag cgtatgctgg tggagcctgc ctgtggggca gccttagcag ccattctactc 960
aggcctcctg cggaggctcc aggcggaggg ctgcctgccc ccttccctga cttcagttgt 1020
ggtaatcgtg tgtggaggca acaacatcaa cagccgagag ctgcaggctt tgaaaacca 1080
cctgggccag gtctgagggg tcccatcctg gcccacaaaga cccctgagag gcccatggac 1140
agtccctgtg ctggtatgag aggaactcagt gctggcagat ggcagtggaa gctgccctgt 1200
gcaactgtgc tggctgcctc ctgaagggaag cctcctgga ctgcttcttt tggctctccg 1260
acaactccgg ccaataaaca ctttctgaat tgagaaaaaa aaaa 1304

<210> 7710
<211> 1640
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1641)
<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1409)...(690)
 <223> similar to gi5353746 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7710
 tttttttttt ttgccagtgc agaaacgttt aatagaaata aaaaggtctg catagagccg 60
 aggctcggag ccacccctct gccgcacatc cagtacagag aggattctat aaagttcaca 120
 ctttttcatt aagtagtagt agaaatacgg tgaggccctg agactggcct ggtgagcgag 180
 gaaaggccgc tgggcgcttc cactctgcag gccggggctg aaataacccg agttccgttc 240
 tcacagaaag gtgcggctgc cacctcttga cacagaggcc ggatgggcag gtgtcctcga 300
 tggccaggcc gtatcagggt acaaccgcag cagtgcagg ggcttcctca aggacaaatg 360
 gctaaaaatg tcacggtgaa aatgtcatcc ccaaagagtt cgttctccct agaccctgtg 420
 gggcaacca gccttcaccg tgacactggc catctgcaa gtgccaaactg ttcttcacg 480
 agcagtgat tacgtcactt tcttctttt tgtgcgtttt gtgcagcccc tgccaaacca 540
 gccccctagg atggggggcg agctaagcgg tgcaccccg tccccaggcg gggcctcctc 600
 tctgcttctg cacagcgact tccgactgtg gctgccttct tcaccagcac gcaggggagt 660
 cgccagtgcg aaaatgggat cctgccacct gctataggcg gggatctcca agcccagctc 720
 ggccatgagg agccgcatga cgtcatcaca cttcccatgt agcttcaggg cagcccagtc 780
 atccttcggg gtccactgca ggttcacgat gtaaagcttc ggccgcccgc tagggggctt 840
 ggtcatgcac cagaggcggt ggtacttctt tagaaccttc aggttgacc ctagacacag 900
 gatggtgtct gctctgctgg cagcctcggt cgccgcttcc cagttcagag gctgccccaa 960
 cgtccccctc tccccaaagt gcacaatggt gtcccgagc tgggtccac acttggtgca 1020
 ggtccggcct gtctggtgtc tgtggagggc agtgcgctcc gtcacatcga acaccgcac 1080
 gtactccctg ttgggaacgc aggaggtaca gacttcaatg tacatgttcc cgtggagctc 1140
 ggagatggcc gtgcgcggca gccactcct caggtggagc ccgtcacagt tctgagacac 1200
 cacatgctgc accagcttct gctcatgcag acgggtgatg ctcatgtggg tgaggggttg 1260
 ctcggcctcg ctcaggctcg cagcactaac gcttctccct ttctgaagca gtgtccacac 1320
 tccattaggg ccccggtagt ctgggataga cgctgcttgg agcgcagcgc gtcgagctcc 1380
 agcttcacgc tggcgcttct tgaggccagc ttctccacct cctgctgcag ctccgccttc 1440
 tgcttctcca gctcctcctt ctgcgtcacc cgcttcacgc ggcagctggc agcgtacccg 1500
 cggttcttga gcgtgcgccc gcgctgcttc agctgaacga actcctcctt gaacaggccc 1560
 cgcagggtgt ggttcagctc ccgcaccgac atggtcagaa ttcnccgcn ctgtcctagt 1620
 gtcgtcgata ggaccaccct 1640

<210> 7711
 <211> 1840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(1201)
 <223> similar to gi555594 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7711
tttcgtggag catggcgtgg agacacctga aaaagcgggc ccaggatgct gtgatcatcc 60
tggtggggagg aggacttctc ttcgcctcct acctgatggc cacgggagat gacggtttct 120
atgctgaaca cctgatgccg actctgcagg ggctgctgga cccggagtca gcccacagac 180
tggtggttcg cttcacctcc ctggggctcc ttccacgggc cagatttcaa gactctgaca 240
tgctggaagt gagagtctcg ggccataaat tccgaaatcc agtaggaatt gctgcaggat 300
ttgacaagca tggggaagcc gtggacggac ttataagat gggctttggt tttgttgaga 360
taggaagtgt gactccaaaa cctcaggaag gaaaccctag acccagagtc ttccgcctcc 420
ctgaggacca agctgtcatt aacagggtatg gatttaacag tcacgggctt tcagtgtgtg 480
aacacagggt acgggccaga cagcagaagc aggccaaagt cacagaagat ggactgcctc 540
tggtgggtcaa cttgggggaag aacaagacct cagtggacgc cgcggaggac tacgcagaag 600
gggtgctgct actggggccc ctggccgact acctggtggt gaatgtgtcc agccccaca 660
ctgccgggct gcggagcctt cagggaaggg ccgagctgcg ccgcctgctg accaagggtg 720
tgcaggagag ggtggtcttg cggagagtgc acaggccggc agtcctggtg aagatcgctc 780
ctgacctcac cagccaggat aaggaggaca ttgccagtgt ggtcaaagag ttgggcatcg 840
atgggctgat tgttacgaac accaccgtga gtcgccctgc gggcctccag ggtgccctgc 900
gctctgaaac agggaggctg agtggggaag ccctccggga tttatcaact caaacattc 960
gggagatgta tgactcacc caaggccgag ttcccataat tggggttggt ggtgtgagca 1020
gcgggcagga cgcgctggag aagatccggg caggggcctc cctggtgcag ctgtacacgg 1080
ccctcacctt ctggggggcca cccgttgttg gcaaagtcaa gcgggaactg gaggcccttc 1140
tgaaagagca gggctttggc ggagtcacag atgccattgg agcagatcat cggagggtgag 1200
gacagcgtct gacgggaagc ctgatctgga accttcccaa ggactcagge aagcctttgt 1260
ggctggatca tgagaggagg gactccatct tgagccatgt ccccagcca tggcatggct 1320
gcactgtaaa cgccaatcgg ggggtcacca ggatcaaccg caggctttct tcagtccctt 1380
ggtcagacca taaactgcat ttttgattct ttgtggattc aaaccctagg atccatcagt 1440
cttgcaagga cattgaatat taggaggaaa aagtcattga aaaaataaag ccatttagaa 1500
cctgggtttc aacgctagcc ctttctggtt tgccataggc cctgccaaga tactgcaggt 1560
ccatccaggc ctctgctatc tgcattcgca gtgggcttcc caggaacttg actgtctttc 1620
atgtgatctt tttttttttt tttttaatat ttttaaactt attttaaaaa tttttcaaac 1680
ataagggcgg ggtgtggtgg ctcatgcctg taatcccagc actttgggag gccgaggcgg 1740
gcggtacacc tgaggccagg agttggagac catccaggcc accatggtga ggccctgtct 1800
ctaccaaaaa taaaaaaat tagccagata ttgtggcagg 1840

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<210> 7712
<211> 2320
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (62)...(1539)
<223> similar to gi3319953 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7712
gggtggcgctg gcggttgctg tcagctgatt cccgggggtg gtggcagcgg cggtagcagc 60
aatggacttt ctcttgggga acccgctcag ctctccagtg ggacagcgca tcgagaaagc 120
cacagatggc tccctgcaga gcgaggactg ggccctcaac atggagatct gcgacatcat 180
caacgagacg gaggaaggtc ccaaagatgc cctccgagca gtaaagaaga gaatcgtggg 240

```

```

gaataagaac ttccacgagg tgatgctggc tctcacagtc ttagaaacct gtgtcaagaa 300
ctgcggggcac cgcttccacg tgctgggtggc cagccaggac ttcgtggaga gtgtgctggt 360
gaggaccatc ctgccccaga acaaccacc caccatcgtg catgacaaag tgctcaacct 420
catccagtcg tgggctgacg cgttccgcag ctgcgccgat ctgacagggtg tggtcacccat 480
ctatgaggac ctgcggagga aaggcctgga gttcccatg actgacctgg acatgctgtc 540
acccatccac acaccccaga ggaccgtgtt caactcagag acacaatcag gacaggattc 600
tgtggggcact gactccagcc agcaagagga ctctggccag catgctgccc ctctgcccgc 660
cccgcccata ctctccggtg acacgcccac agcaccaacc ccggaacaga ttgggaagct 720
gcgagtgag ctggagatgg tgagtgggaa cgtgaggggtg atgtcggaga tgctgacgga 780
gctggtgccc acccaggccg agcccgcaga cctggagctg ctgcaggagc tcaaccgcac 840
gtgccgagcc atgcagcagc gggctcctgga gctcatccct cagatcgcca atgagcagct 900
gacagaggag ctgctcatcg tcaatgacaa tctcaacaat gtgttcctgc gccatgaacg 960
gtttgaacgg ttccgaacag gccagaccac caaggcccga agcccgccg agccggcagc 1020
tgacctgac gacatgggccc ctgaccacg agccaccggc aacctctcat cccagctggc 1080
aggaatgaac ctgggctcca gcagtgtgag agctggcctg cagtctctg aggcctctg 1140
tcgactggaa gatgagtttg acatgtttgc gctgacacgg ggcagctcac tggctgacca 1200
acgaaaagag gtaaaatacg aagcccccca agcaacagac ggctgggctg gagccctgga 1260
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<210> 7713

<211> 1589

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1526)...(231)

<223> similar to gi3025445 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7713

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<211> 8029

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (5186)...(7695)

<223> similar to gi388765 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7714

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<210> 7715

<211> 2153

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2154)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1749)...(625)

<223> similar to gi4886461 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7715

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acattgaaag tgtagtcatc caccaggaag gacatgagca tcgggaggaa cctggtgatg 1260
agctctacct ccattctggg ctcttgaag acctggctgt cgatcatgtc ccaggctccc 1320
tgggccagcg ccagcagccg gagcagcagc aggaggtcgg ggctgtccct gggcagtgctc 1380
tcctggccga ccagctcctg caggtgcctg actgtgtcct gtgccagcgt gttgatggcg 1440

```


<220>
 <221> misc_feature
 <222> (183)...(904)
 <223> similar to gi2649734 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7717

tggaggtgga	gctggcagat	ccggcgggca	gcgatggcgc	cttggcccc	ggcagcgc	60
gcagcggcag	cggcagtgcc	agtgggtggc	ggcgcgggcg	agccaggcgc	cccaagagga	120
ccatccatat	tgactgtgag	aagcgcatca	ctagctgcaa	aggcgcccag	gccgacgtgg	180
tgctcttttt	catccatggg	gtcggcggtt	ccctggccat	ctggaaggag	cagctggact	240
tctttgtgcg	cctaggctat	gaggtggtgg	ctcctgacct	ggcgggccac	ggggccagct	300
ctgcgcccc	ggtggcgcga	gcctacacct	tctatgcgct	ggctgaggac	atgcgagcaa	360
tcttcaagcg	ctatgccaa	aagcgaaatg	tgctcattgg	ccattcctac	ggtgtctctt	420
tctgcacatt	cctggcacat	gagtaccacg	acctagtgc	caaggtgatc	atgatcaatg	480
gcgggggccc	tacggcgctg	gagcccagct	tctgctcaat	cttcaacatg	cccacctgcg	540
tcctgcactg	cttgctgccc	tgcttgccct	ggagcttcct	caaggccggc	ttcgcccgcc	600
aaggagccaa	ggagaagcag	ctgttaaagg	agggcaacgc	tttcaacgtg	tcctccttcg	660
tactccgggc	catgatgagc	ggccagtagt	ggcccgaggg	cgacgagggtc	taccacgcgc	720
agctcaccgt	gcccgctcctg	cttgctccacg	gcatgcacga	taagtttggtg	ccggtggagg	780
aagaccagcg	catggccgag	atcctgctcc	tggcattcct	gaagctcatc	gacgagggca	840
gccacatggt	gatgctgga	tgccctgaga	cggtaaacac	gctgctccac	gaattcctgc	900
tctgggagcc	cgagccctcg	cccaaggctc	taccggagcc	actgccggcg	cctccagaag	960
acaagaagta	gccgctgggc	cggcggggca	tcgcttggtg	agcacagccg	cagcaggagg	1020
aggcccagc	ctgcgccag	tctgcagcgc	agaccacctg	ggcgggccgt	tcgctccggt	1080
ggcgggggcc	aggtcaggga	gacgccccca	ggctgcctgg	gcggggcgtg	gcatccgagg	1140
gagcccagcg	gacattccgc	tctccgcttc	cgtcccgcgg	ggcccatcgg	cgttttgggg	1200
ccgcagccgg	gaccctcacg	gaagatgacc	ttgtacagaa	gctctccctc	accttcccc	1260
caacgccac	gccaaggcag	gccccccacc	ccgctgtcct	ccgtgtcagc	cgtgcttgat	1320
cctgggaccc	acgagcccca	cagggacctt	cgaggcccca	tcccgttatc	cgagacctt	1380
cctaccccc	attcctcggc	gctgggatct	atttttgccc	aagggggggg	gatggggggg	1440
ctggcgccac	cgaacctgca	catctcaact	tgtaactcaa	taaacagaag	tgacaatcgg	1500
aaaaaaaaa						1510

<210> 7718
 <211> 2177
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (952)...(2088)
 <223> similar to gil301892 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7718

ccgttgctgt	cgcctcaaag	gattggctaa	aagcaagcaa	ctggattgaa	caccctaaga	60
------------	------------	------------	------------	------------	------------	----

agaaagattc	acactgcacc	aggagacatc	agaaagaatg	aaaactctgc	cgctgtttgt	120
gtgcatctgt	gcactgagtg	cttgcttctc	gttcagtga	ggtcgagaaa	gggatcatga	180
actacgtcac	agaaggcatc	atcaccaatc	acccaaatct	cactttgaat	taccacatta	240
tcctggactg	ctagctcacc	agaagccgtt	cattagaaaag	tcctataaat	gtctgcacaa	300
acgctgtagg	cctaagcttc	caccttcacc	taataacccc	cccaaattcc	caaatacctca	360
ccagccacct	aaacatccag	ataaaaaatag	cagtgtgggc	aaccctacct	tagtggctac	420
aacccaaatt	ccatctgtga	ctttcccatc	agcttccacc	aaaattacta	cccttccaaa	480
tgtgactttt	cttccccaga	atgccaccac	catatcttca	agagaaaaatg	ttaacacaag	540
ctcttctgta	gctacattag	caccagtga	ttccccagct	ccacaagaca	ccacagctgc	600
cccacccaca	ccttctgcaa	ctacaccagc	tccaccatct	tcctcagctc	caccagagac	660
cacagctgcc	ccaccacac	cttctgcaac	tacacaagct	ccaccatctt	cctcagctcc	720
accagagacc	acagctgccc	caccacacac	tcctgcaact	acacaagctc	caccatcttc	780
ctcagctcca	ccagagacca	cagctgcccc	acccacacct	cctgcaacta	caccagctcc	840
accatcttcc	tcagctccac	cagagaccac	agctgtccca	cccacacctt	ctgcaactac	900
cctagaccca	tcacccgct	cagctcttgc	tgtcccgctg	agctgcagac	tgaaggaggc	960
aacggcaaga	aagaagtgt	gagcggtttc	caagtgggtg	tggaagacac	agtgttttc	1020
cctgagggcg	ggggacagcc	tgatgaccgt	ggtacaatca	atgacatctc	tgtgttgaga	1080
gtgactcgcc	gtggggaaca	ggctgatcat	ttcaccaga	caccctgga	tccaggaagc	1140
caggttcttg	tccgggtaga	ttgggagcgg	aggtttgacc	acatgcagca	gcattcaggg	1200
cagcatctca	tcacggcagt	tgttgaccat	ctatttaagc	tgaagacaac	atcatgggag	1260
ttagggagat	ttcggagtgc	gattgagctg	gacacccccct	ctatgactgc	agagcaagta	1320
gctgccattg	agcagagcgt	caatgaaaaa	atcagagatc	ggctgcctgt	gaatgtccga	1380
gaactgagcc	tggatgatcc	tgaggtggag	caggtgagtg	gccgggggtt	gcctgatgat	1440
catgctgggc	ccattcgggt	tgtaaacatc	gaggcggttg	attccaacat	gtgctgtggg	1500
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aaaaagaaca	gaaccaacct	gatatttctg	tctgggaacc	gggtgctgaa	gtggatggag	1620
agaagtcattg	gaactgaaaa	agcactgact	gctctgctta	agtgtggagc	agaggatcat	1680
gtggaagcag	tgaaaaagct	ccagaactcc	accaagatcc	tgcagaagaa	taacctgaat	1740
ctgctcagag	acctggctgt	gcacattgcc	catagcctca	ggaacagtcc	agactgggga	1800
ggtgtggtca	tattacacag	gaaggagggt	gattcagagt	tcatgaatat	cattgccaat	1860
gagattgggt	cagaggagac	cctcctgttc	ttaactgtgg	gcgatgagaa	aggtgggtgga	1920
ctcttcttac	tggcagggcc	acctgcgtct	gtggagaccc	tggggcccag	ggtggctgag	1980
gtcctggaag	gcaaaggagc	aggggaagaaa	ggccgttttc	agggcaaggc	caccaagatg	2040
agccggcgga	tggaggcgca	ggcgcttctc	caggactaca	tcagcacgca	gagtgtctaag	2100
gagtgagggc	ttagggcact	cacctcctgt	ttccacagga	atcttttggt	caataaaata	2160
gattgactca	aaaaaaa					2177

<210> 7719

<211> 2211

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (352)...(1180)

<223> similar to gi4680679 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7719

atttgagacc ccattgatga gctctttcac tgcgcacctg ccctgccagt ggcctttctg 60

gtcccagcta	ctgaaaccgg	tgagctgctc	caggggtgagg	ctgctttctg	gctcctgggtg	120
tattttggaca	cagataggcc	cttagtggtcc	agaggcgccc	catgcagccc	tcatggtcag	180
caggacacccc	aggatagacc	ccctccacgc	agcacctggg	ccctgggagc	ggctgctttt	240
aggatgccac	ctgttcctgg	gcgccttggt	tttagcttct	gacctgaaga	tgagcggggg	300
agcgcggtgg	cgaggggcacg	tgggcgtggc	tcacggtctc	ctctctgtgg	caggtacatg	360
ttccagagca	agcacacgga	ggcccgggag	ctcatgtact	cgggagccct	gctcttcttc	420
agccatggcc	agcaaaacag	tgcagcagac	ttgtccatgc	tggtcctgga	gtccctggag	480
aaggcggaag	tggaggtggc	tgacgagctg	ctggaaaatc	tggctaaagt	gttcagcctg	540
atggacccca	actctcctga	gcgcgtgacc	tttgtgtcca	gagccctgaa	gtggtccagt	600
gggggctccg	ggaagctggg	ccacccccgg	ctgcaccagc	tgctggccct	caccctgtgg	660
aaagaacaaa	actattgtga	gtcagaggtat	cattttctgc	actcagcgga	cggggagggc	720
tgtgccaaaca	tgctgggtgga	gtattccacg	tcccgcggct	tccgcagcga	ggtggacatg	780
ttcgtggccc	aggccgtgct	acagtttctc	tgtttaaaaa	acaaaagtag	cgcatcggtg	840
gtcttcacga	cgtacaccca	gaagcacccg	tccatcgagg	acgggcctcc	gtttgtggag	900
ccgctgctta	acttcatctg	gttcctgctg	ctggctgtgg	acgggtggga	gctgacggtg	960
ttcactgtgc	tgtgtgagca	gtaccagcca	tccctccggc	gggaccccat	gtacaacgag	1020
tacctcgacc	gcataggaca	gctgttcttc	ggcgtcccgc	ccaagcagac	gtcttctctac	1080
gggggcctgc	tcgggaacct	tctgaccagc	ctcatgggct	cctcagagca	ggaggatggg	1140
gaggagagcc	ccagcgacgg	cagccccatc	gagctggact	gaactggcca	ggccacgtgg	1200
agacaccacg	gtcgcgcagc	gctggaggga	cgtttcagag	gcgagtcctg	ggtggctcct	1260
cgccttgggg	gctcctggcc	ctgaggctgg	cgggtggcgc	atgccggcgc	gtgtctgttt	1320
ctgtgcggcg	gctcaggggtg	gcacggctgc	tgtcactgtg	gctgctggga	cccaagagtg	1380
gggcgtcgcc	cctgctggcc	gccgcgtccc	ccgagattga	cccacaataa	agcacaggcc	1440
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ttaaaaaggg	ataccgtggg	actctgcccg	tctctttcat	aacgcaatat	ttatttgtat	1920
tgggtgacga	ttgattcttt	cgacctaaaca	ttttgggttt	taaccaaata	accggtccag	1980
gagtgagcag	ctccgttctg	tcagatgcta	ctccaaatgt	taccagaacg	atgacaaaag	2040
gggagacgct	ctattttttc	acagttaaat	gacagttgta	gattgatacg	cagttgtgca	2100
tgggaagggg	aaacgcacag	ctttattttac	tgtaaagtgg	aatttcagga	aggcttgtgt	2160
gaaccgttgc	gcataaataa	acccttttcta	cggggtgtg	caaaaaaaaa	a	2211

<210> 7720

<211> 875

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(828)

<223> similar to gi297902 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7720

gtgggtggaat	tcgagccgct	gaggggtgcgg	gctgaccctg	taagtggctg	cggcgggaag	60
-------------	------------	-------------	------------	------------	------------	----

atggcgaggc	tgcgcgtgct	cgtagctgtc	aagaggggtca	tcgactacgc	cgtgaagatc	120
cgagtgaagc	ctgacaggac	cggtgtgggtc	acggatgggtg	tgaagcactc	catgaacccc	180
ttctgtgaga	tcgcggtgga	ggaggctgtg	cggctcaagg	agaagaagct	ggtgaaggag	240
gtcatcgccg	tcagctgtgg	gcctgcacag	tgccaggaga	cgattcgtac	cgccctggcc	300
atgggtgcag	accgaggtat	ccacgtggag	gtgccccag	cagaagcaga	acgcttgggt	360
cccctgcagg	tggctcgggt	cctggccaag	ctggcagaga	aggagaaggt	ggacctgggtg	420
ctgctgggca	aacaggccat	cgatgatgac	tgtaaccaga	cagggcagat	gacagctgga	480
tttcttgact	ggccacaggg	cacattcgcc	tcccagggtga	tgctggaggg	ggacaagtgtg	540
aaagtggagc	gggagatcga	tgggggcctg	gagaccctgc	gcctgaagct	gccagctgtg	600
gtgacagctg	acctgaggct	caacgagccc	cgctacgcca	cgctgcccga	catcatgaaa	660
gccaagaaga	agaagatcga	ggtgatcaag	cctggggacc	tgggtgtgga	cctgacctcc	720
aagctctctg	tgatcagtg	ggaggacccg	ccccagcgca	cgcccgccgt	caaggtggag	780
accactgagg	acctggtggc	caagctgaag	gagattgggc	ggatttgagc	ccctcccaga	840
gatggcaata	aaactgactc	tcaacaaaaa	aaaaa			875

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<210> 7721
<211> 1763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (184)...(1365)
<223> similar to gi4469023 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7721						
gccatcatgg	cggcgggccac	gaggcctgtc	cggctcccgg	aagcaggctg	tgagggggcgg	60
gagcgctgct	ggaaccccgag	ccggagccgg	agccacagcg	gggaggggtg	cctggcgggcc	120
tggagccgga	cgtgtccggg	gcgtccccgc	agaccggggc	agcaggctcg	ccggggggccc	180
accatgctgg	tgactgccta	ccttgctttt	gtaggcctcc	tggcctcctg	cctgggggctg	240
gaactgtcaa	gatgccgggc	taaacccccct	ggaagggcct	gcagcaatcc	ctccttcctt	300
cggtttcaac	tggacttcta	tcaggtctac	ttcctggccc	tggcagctga	ttggcttcag	360
gccccctacc	tctataaaact	ctaccagcat	tactacttcc	tggaaagtca	aattgccatc	420
ctctatgtct	gtggccttgc	ctctacagtc	ctctttggcc	tagtggcctc	ctcccttgtg	480
gattggctgg	gtcgcaagaa	ttcttgtgtc	ctcttctccc	tgacttactc	actatgctgc	540
ttaaccaaac	tctctcaaga	ctactttgtg	ctgctagtgg	ggcgagcact	tggtgggctg	600
tccacagccc	tgctcttctc	agccttcgag	gcctgggtata	tccatgagca	cgtggaacgg	660
catgacttcc	ctgctgagtg	gatcccagct	acctttgtct	gagctgcctt	ctggaaccat	720
gtgctggctg	tagtggcagg	tgtggcagct	gaggctgtag	ccagctggat	agggctgggg	780
cctgtagcgc	cctttgtggc	tgccatccct	ctcctggctc	tggcaggggc	cttggccctt	840
cgaaactggg	gggagaacta	tgaccggcag	cgtgccttct	caaggacctg	tgctggaggc	900
ctgcgctgcc	tcctgtcgga	ccgccgcgtg	ctgctgttgg	gcaccataca	agctctattt	960
gagagtgtca	tcttcatctt	tgtcttcctc	tggacacctg	tgctggaccc	acacggggcc	1020
cctctgggca	ttatcttctc	cagcttcatg	gcagccagcc	tgcttggctc	ttccctgtac	1080
cgtatcgcca	cctccaagag	gtaccacctt	cagcccatgc	acctgctgtc	ccttgctgtg	1140
ctcatcgctg	tcttctctct	cttcatgttg	actttctcta	ccagcccagg	ccaggagagt	1200
ccggtggagt	ccttcatagc	ctttctactt	attgagttgg	cttgtggatt	atactttccc	1260
agcatgagct	tcctacggag	aaaggtgatc	cctgagacag	agcaggctgg	tgtactcaac	1320
tggttccggg	tacctctgca	ctcactggct	tgcctagggc	tccttgtcct	ccatgacagt	1380

Run with FASTXY 3.3t00, default parameters

<400> 7723

aaactgattg	caggcagtat	gtaggcatct	ttcattcaga	atggacatta	atatcttgaa	60
tagagaagaa	agcttttaga	aatgtatcat	ttgtcaaaat	tgcatgcctt	ttaaaaaatg	120
ataaagagag	atgctgagtg	ttttgtatgt	tagcatcgac	tctttctttt	tatttctggt	180
cagactcaag	tttttagaag	ctagaatata	gatcccttta	agaaaaaaaa	aggaagaaag	240
aagaatttgc	tgggttagtcg	acctctgttt	aagaagtgtc	tcatcctcct	cctccacctc	300
tccgtgggtg	ttctctgcag	ctctctgtag	gttaggggtc	tgtgctgcct	ggcagaatgc	360
tcatgtgtta	gctgaataga	tatcatcgac	agacatagac	cactataggt	tttctttcct	420
tgtgaattcc	aaaatgccat	ccaaagagtc	ttggtcaggg	aggaaaacta	atagggctgc	480
agttcacaaa	tcaaaacaag	agggccgtca	gcaagattta	ttgatagcag	ccttgggaat	540
gaaactgggt	tctccaaagt	cgtctgtgac	aatctggcaa	cctctgaaac	tctttgctta	600
ttcgcagttg	acatcacttg	ttagaagagc	aactctgaaa	gaaaacgagc	aaattccaaa	660
atatgaaaag	attcacaatt	tcaaggtgca	tacattcaga	gggccacact	ggtgtgaata	720
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gaatgttcat	aagcagtgtt	ccaagatggt	cccaaatagc	tgtgaagccag	acttgaagca	840
tgtcaaaaag	gtgtacagct	gtgaccttac	gacgctcgtg	aaagcacata	ccactaagcg	900
gccaatggtg	gtagacatgt	gcatcagggg	gattgagttc	agagggtctta	attctgaagg	960
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agatgggtgag	aaggcagata	tttctgtgaa	catgtatgaa	gatatacaaca	ttatcactgg	1080
tgcacttaaa	ctgtacttca	gggatttgcc	aattccactc	attacatatg	atgcctaccc	1140
taagtttata	gaatctgcc	aaattatgga	tccggatgag	caattggaaa	cccttcatga	1200
agcactgaaa	ctactgccac	ctgctcactg	cgaaaccctc	cggtagctca	tggcacatct	1260
aaagagagtg	accctccacg	aaaaggagaa	tcttatgaat	gcagagaacc	ttggaatcgt	1320
ctttggaccc	acccttatga	gatctccaga	actagacgcc	atggctgcat	tgaatgat	1380
acggtatcag	agactggtgg	tggagctgct	tatcaaaaac	gaagacattt	tattttaaat	1440
ttttaatttg	aggggaaaag	aaatgtttta	cagatgaagg	aatgttttat	agtaatttaa	1500
tttgctcctg	tagctgcatt	atttcttgat	tagaggtttg	ggcatataac	cagattaaag	1560
tgaaggaaact	ttctgttggt	tttgtagcac	cgctcagctg	tcttgtaaaa	cagtgaacac	1620
acgctttctg	gttctagtaa	tcctgggtgt	ttatcacgtt	cagagaaact	caagctattg	1680
catgattagc	cccctatctg	gcaaggaaac	cccatacaga	agaaacaaca	aacctgcgcc	1740
tgcaccgcct	ctgcgtcctg	ggtagtctgt	gcttgtaatc	cagcatgttt	cacagagtaa	1800
gcctgttggtg	actttgcttt	tgggggtctat	gtcattgggt	tctgatgctt	gtacaaacac	1860
gcacacacaa	atggataaaa	cagcacctct	ggctgtttaca	ttaccataaa	ccatatcaca	1920
tgcctacatt	ttacaaatga	tttctgggtt	ctcttagttc	ttctctaaca	tagtactttc	1980
tttccagcaa	aagcaaaatg	tgttttcaga	tttgttactt	taataaagggt	tatccatacc	2040
aataaaaagt	gtacaacaca	gcattttctg	ttaaattatt	attgggttttc	agttgtaatt	2100
tgggtattttt	tctggcatgc	gtttattaat	ttattaaatt	ggctttttaga	aaaaaaaaa	2159

<210> 7724

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(358)

<223> similar to gi3875142 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7724
tcgttgcgta attcggcacg aggtctgaag atggcggcct cagcagcgcg aggtgctgcg      60
gcgctgcgta gaagtatcaa tcagccgggtt gcttttgtga gaagaattcc ttggactgcg      120
gcgtcgagtc agctgaaaga acactttgca cagttcggcc atgtcagaag gtgcatttta      180
ccttttgaca aggagactgg ctttcacaga ggtttgggtt gggttcagtt ttcttcagaa      240
gaaggacttc ggaatgcact acaacaggaa aatcatatta tagatggagt aaaggtccag      300
gttcacacta gaaggccaaa acttccgcaa acatctgatg atgaaaagaa agatttttga      360
gactgcagcc tattaataaa gttaacataa ctgagaaaaa aaaaa                      405

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```

<210> 7725
<211> 2144
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1812)...(1952)
<223> similar to gi4262110 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7725
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gagcccgaga gctccttttag tctctcccca gccagagtcg acatattttc ccccatgttt      180
tgtgggtgaa aaggcccttc agaaccctaa atccaccagc tttatatttg ttgctgggct      240
gcgtcattct agtcagaatc tgggaggatg ccaccatacg tagaggaggc catgagggtc      300
tcacctgtaa cattctgtag atatgacttg tttattctgt ctactgtgag tgcctgactc      360
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caagaagagc gatgcacaaa tgaggtgttt tgaatgtatg tgttgaatga gtgaacccca      480
acctttggag aaccccgatg agcctctcca gatgtctgag tgggcctgtg gctccttttt      540
cagcaccaag ggacccctct tctgtctgtg tcaaggagaa agaccagcca gaaggaatct      600
cagacatcct ttaccagtgc catcgagac ttggtttcta tgtgtttttc caaacagtga      660
gtgatacagg ccattgaggc agaatgctga gagctgcttc aagtgaaggg gaagagaaaa      720
gtaacaaaca tgaatcacag cacccccagc agattttcca gagttttagg ctctagggac      780
ccctttgttt gctgtgtctt agatcattga gtccctacaa gaaccctgtg aggttcgtct      840
tctcactact ccctgttcca gaggagccaa ccgaggctcc gagaggtgca tcttcaagac      900
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aaccagtagt tccaaaaagt gtggcacagt gataaagtcc caggaggggc ccaggcaggt      1020
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ccccagtgcc gggctggaaa gttagcatcc tgcagatctc attttcatac tagggggaca      1140
aggagggaca tgggagtcag tggtaacacc atggaccacc agaggatcgg gatctggaac      1200
tcacaccaag aagcaccaac cttcaggga cttgtgcata tggagaacct ggggtgcccac      1260
ggtgaaaagc gttctaggct ttcaaagtaa cattgcatgt gaggatggag aatgataaaa      1320
cgattcctgc cttcaaggca tcgtcccggt gtttgtcagc tgtggggcaa cagcacctc      1380
tgtgtcagca acctgcatga agagcatcat ccctgcaagt cctcaaggcc tggggaggcc      1440
tcatccctc ctcatttcag caacagcaca caggacaata cgctctagaa gaactctttg      1500

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cgcgtcccaa	ggcccaggat	ctgcgaggcg	acttggggaa	aacgcaggca	ggacctgctg	1680
aagctcacac	ccgtggacca	cccagactgc	ctgccgctac	aggatgccct	ccgcatctcc	1740
caggacttct	ttccggcatc	agtgtggaca	ttgaccccac	tggactgcag	tcacagtgga	1800
ctcccaaggg	gcaggatcca	cctctgatgt	tcagtgaaga	ctaccagaaa	agtctgctag	1860
agcagtacca	tctgggtctg	gatcaaaaac	tcagaaaata	cgtgggttga	gagctcatct	1920
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aaactcaacc	ccaatgatga	ggacatccac	acagccaaca	agtgccacct	gaagggtggc	2040
acggacctca	ggttggtgat	gtggcagacc	tgcttcacgc	tctcgggcct	cctctggggag	2100
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<210> 7726

<211> 1316

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (322)...(933)

<223> similar to gil666073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7726

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ggggcgccag	gcctgggggc	gcacggtgcg	gcgcgggccc	atgaggcttt	ccagcgcggg	300
gagcggcagc	gccggccggc	catggggggt	agcctgcggg	tggccgttct	aggcgccccg	360
ggcgtgggca	agacggccat	catccgccag	ttcctgttcg	gtgactaccc	cgagcgccac	420
cggcccacgg	acgggcccgc	cctctaccga	cccgcgggtg	tgctcgacgg	cgccgtctac	480
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gagtggccag	acgctaagga	ctggagcttg	caggacacgg	acgccttcgt	gctcgtctac	600
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tatgaacttg	actggaaaca	cgcagcctgc	tcctggagct	tactgggaca	tattctttat	1260
gccacaccta	ccacgggata	ataaaaaggga	aaataatttg	aaaaaaaaaa	aaaagg	1316

<210> 7727
 <211> 2077
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (329)...(1596)
 <223> similar to gi758591 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09402360460

<400> 7727
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 aggaaccagg tgagggtgtt ggagcataac aggcttgagg ggcaggcaga aacctgccct 180
 tctgcaaact ctatctcttc cccctcctgg gagcagacag gatggcgctg tggcctgaaa 240
 gcagctgtcc ctctgtgtg caagctcgga ctgctgcacc cagacagatt ccatctctga 300
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 gaacttgggc cagggtcttc cggatttccc accaccagac tttgccgtgg aagcctttca 480
 gcacgctgtc agtggagact tcatgcttaa ccagtacacc aagacatttg gttaccacc 540
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 ggtggacgaa ggagacgagg tcatcatcat cgaacccttt tttgactgct acgagcccat 720
 gacaatgatg gcagggggtc gtctgtgtt tgtgtccctg aagccgggtc ccatccagaa 780
 tggagaactg ggttccagca gcaactggca gctggacccc atggagctgg ccggcaaatt 840
 cacatcacgc accaaagccc tggctctcaa ccccccaac aaccctctgg gcaagggtgtt 900
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 ctttgaacgg gagcagctgc tcttccgcca acccagcagc tactttgtgc agttcccgc 1260
 ggccatgcag cgctgccgtg accacatgat acgtagccta cagtcagtgg gcctgaagcc 1320
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 gcctgacttg cctggagctg tggatgagcc ctatgacaga cgcttcgtca agtgatgat 1440
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 ggacgagaag ctgcggaagt ggaagggtga actctagccc tgaagtcacg ccttggccct 1620
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 cttctgtgtc ctccaggctt ggctgagacg gacggtagac ttccaccatg taccgatcac 1920
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 taaaatgttt aagttattaa gatccttaaa aaaaaa 2077

<210> 7728

<211> 1704
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (79)...(1336)
 <223> similar to gi4884241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7728
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 gatctggacg aggacgagga cgacctggag gtgttcagca aggatgcctc attgatggac 180
 atgaactcct tcagccctat gatgccaaca tcccccttat caatgataaa ccaaatacaag 240
 tttgaggatg aaccagattt aaaggatctc ttcatacagc ttgatgaacc tgaaagtcac 300
 gttactacaa tagaaacttt cattacgtat aggattatta ctaagacatc tcgtggggaa 360
 tttgactcca gtgaatttga agttaggaga cgatatcaag atttcctttg gttgaaggga 420
 aaactggaag aagcacaccc cactctgatt attccacccat tgccagaaaa gtttatagta 480
 aaaggaatgg tggaaacgctt taacgatgac ttcattgaga cagcgaggaa ggctttacat 540
 aaatttttga accgaattgc tgatcatcca actttaacat ttaatgaaga cttcaaaatt 600
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 ccagaggagt tcatggaaat gaataacttt attgaactat ttagccagaa aataaatttg 780
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 aatgatatac agttagcatt tacagatatg gctgaggaga atatccatta ttatgaacag 1260
 tgccttgcta cgtgggaatc attccttaca tcacagacca accttcactt ggaagaagcc 1320
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 attaaccaaa gttattcttt ctggatctgc cgtgtcctta taaagtggat gaaaaatggt 1440
 ttgtacccat ctggaaaacc aacaacttga aatctcaggt attccagggt actgacatga 1500
 atttgaagat atatctatct gtatggatat atatctatat gtatatagat atataaatac 1560
 agagagatat ctggcttggt ttttaattatg ttcttaaat tgtgtgcca taattgcata 1620
 tagatttttt tcttaaatat ttgactgtgg aacatgccat tttaaatatg ttgtaaggac 1680
 tgttttaata aaaagtttag tatg 1704

<210> 7729
 <211> 2309
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2222)...(1845)
 <223> similar to gi455109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7729

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aaattgatcc	tttaaaaagg	gccccccctt	tttttttttt	tgacagtttt	taattgtgcc	180
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cttgatcgt	tctattatca	ccgggatttt	gggtggatgc	tgctctcgaa	taagtcggac	2160
atcttctact	ctttgttcga	aggtgcggcg	ctgcttgaag	gtcttctccg	acggcatggg	2220
gcggggatct	gggcggcggc	ggcggcgacg	acgcgagggg	ccggcgggct	ccggggggcg	2280
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<210> 7730

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(761)
 <223> similar to gi4704419 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7730

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ggccgtccag	acagcaacaa	gaccgagaac	cggcgtatca	cacacatctc	cgcgagcag	180
aagcggcgct	tcaacatcaa	gctgggggtt	gacacccttc	atgggctcgt	gagcacactc	240
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atccttatgc	tacagcagga	gcgtgcgggc	ttgcaggagg	aggcccagca	gctgcgggat	360
gagattgagg	agctcaatgc	cgccattaac	ctgtgccagc	agcagctgcc	cgccacaggg	420
gtacccatca	cacaccagcg	ttttgaccag	atgcgagaca	tgtttgatga	ctacgtccga	480
acccgtagcg	tgcacaactg	gaagttctgg	gtgttcagca	tcctcatccg	gcctctgttt	540
gagtccttca	acgggatggg	gtccacggca	agtgtgcaca	ccctccgcca	gacctcactg	600
gcctggctgg	accagtactg	ctctctgccc	gctctccggc	caactgtcct	gaactcccta	660
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ggccagagtg	accacagcag	ggcaggcatc	atgtgtgtgt	gtgtgtgtgg	atgtgtgtgt	1380
gtgggttttg	taaagaattc	ttgaccaata	aaagcaaaaa	ctgtcaaaaa	aaaaa	1435

<210> 7731
 <211> 2075
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (155)...(1672)
 <223> similar to gi2677802 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7731

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gctgctggcg	cgccacgagc	agctgctgta	tgtttccagg	aaacttctag	gacagaggct	180
attcaacaag	ctcatgaaga	tgaccttcta	tgggcatttt	gtagccgggg	aggcccagga	240
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tggagtggag	gaggacctga	gccccgagga	ggcagagcac	aaggagatgg	agtcctgctc	360
ctcggctgcg	gagaggggatg	gcagtggcac	gaataagcgg	gacaagcaat	accaggccca	420
ccgggccttc	ggggaccgca	ggaatggtgt	catcagtgcc	cgcacctact	tctacgccaa	480
tgaggccaag	tgcgacagcc	acatggagac	attcttgcgc	tgcacgaag	cctcaggtag	540
agtcagcgat	gacggcttca	tagccattaa	gctcacagca	ctggggagac	cccagtttct	600
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gaccctggga	gtgtctggca	ccatggacct	gctggactgg	agcagcctca	tcgacagcag	840
gaccaagctg	tccaagcacc	tggtagtccc	caacgcacag	acaggacagc	tggagcccct	900
gctgtcccgg	ttcactgagg	aggaggagct	acagatgacc	aggatgctac	agcggatgga	960
tgtcctggcc	aagaaagcca	cagagatggg	cgtgcggctg	atggtggatg	ccgagcagac	1020
ctacttccag	ccggccatca	gccgcctgac	gctggagatg	cagcggaaagt	tcaatgtgga	1080
gaagccgctc	atcttcaaca	cataccagtg	ctacctcaag	gatgcctatg	acaatgtgac	1140
cctggacgtg	gagctggctc	gccgtgaggg	ctggtgtttt	ggggccaagc	tgggtgcgggg	1200
cgcatacctg	gcccaggagc	gagcccgtgc	ggcagagatc	ggctatgagg	accccatcaa	1260
ccccacgtac	gaggccacca	acgccatgta	ccacaggtgc	ctggactacg	tgttggagga	1320
gctgaagcac	aacgccaagg	ccaaggtgat	ggtggcctcc	cacaatgagg	acacagtgcg	1380
cttcgcaactg	cgcaggatgg	aggagctggg	cctgcacctc	gctgaccacc	aggtgtactt	1440
tggacagctg	ctaggcatgt	gtgaccagat	cagcttcccg	ctggggccagg	ccggctaccc	1500
cgtgtacaag	tacgtgccct	atggccccgt	gatggagggtg	ctgccctact	tgtcccgcgg	1560
tgccctggag	aacagcagcc	tcatgaaggg	cacccatcgg	gagcggcagt	tgctgtggct	1620
ggagctcttg	aggcggtctc	gaactggcaa	cctcttccat	cgccctgcct	agcaccgcgc	1680
agcacaccct	cagcctccag	caccccccg	ccccgcccag	gccatcacca	cagctgcagc	1740
caaccccatc	ctcacacaga	ttcacctttt	ttcacccac	acttgcaag	ctgctggagg	1800
tgaggtcagg	tgccctccag	ccctgcccag	agtatgggca	ctcaggtgtg	ggccgaacct	1860
gatactctgc	tgggacagcc	actggaact	tttgggaact	ctcctcgaat	gtgtgggccc	1920
aaggccccca	cctctgtgac	ccccatgtcc	ttggacctag	aggattgtcc	accttctgcc	1980
aaggccagcc	cacacagccc	gagccccctg	gggagcagtg	gccgggctgg	ggaggcctgc	2040
ctgggtcaata	aaccactgtt	cctgcaaaaa	aaaaa			2075

<210> 7732

<211> 1588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (480)...(341)

<223> similar to gi3288513 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7732

tttttttttt	ttgtattata	aactgacttt	taataataat	aaaaaatcta	tcaagaattt	60
aacgagaaga	atctgtacat	tttaaagtaa	accagtgcac	aatgcgctgg	ccctgggccc	120
tccccattt	cccgcagcag	ggctaaagcg	ggtcctcctt	tgtctctgat	gcaagataca	180
gtgacaaggc	cactgcctgc	cctcgtgtat	gctgcggcaa	gagagggaag	cgcaccctgg	240
agggcgggag	gctcggatgc	cagatgccgg	gagggcttca	agctcccagg	cctgggggca	300
gcagggagcc	cccacctgaa	ctcaccacct	gccaggggtg	acaggcgctc	ccccgcttcc	360
tccccagctg	tgacctttcc	ctgaaggcat	accgaagctg	gggggacaaa	ctgccgaggg	420

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ggcttgtgtg ggtccctcct cccagcagc cagggtggct tctgtgtctc tggctgggtga 480
tgtccaatc gccctgtctt gagaagttac catcaagaaa ataaatcaca gaagccaccg 540
cccgtgtttt cccagtgcac ctctaaccg tgtgacatgg cacctcaggt ggggtccat 600
ccctccagc tccaaccgtg gctggccacc tctcaggccc ttgtagccag tcaactcaaag 660
agagcgagtt ttaacaccgg ccaaccgctg gagaatggag ggtgggggaa ggaatcacag 720
tcgatacctc aaaacgacac cttacaaccc taatattaac aaacaggaaa caatgacatt 780
ttttaatttt tcaataattt agtttttctt ttgtgtctct ttttttttag tagaagcagg 840
aacagttgtc aatactacct tctgttggtc ccctgttaga caacatacct ttctttgaaa 900
tgtaaaatgt caaatatata atcacacaac tttagaaaaa acaaactttg acaacaccaa 960
caacaaaaaa tcccaaaata aaccagagat ttcattgccat ataaataaag tcagagcaaa 1020
tctcgtgccc agggctggtg gccccagttc caggggcggt gatgtccaga gctggtgtgg 1080
ctctcgggga tcctctggtg acaggcggtg tggaggcccc gtctctcctt tcccgacaga 1140
gccaagtctt ttccaagtcc accaagcagg ttagtacagg gttagggtga acctggaagc 1200
taagatgagg aggaggagac acgtgtggtc acctggaatg tggacgttga aggaaaccgg 1260
ggtttcaaaa gtgcaggcgg agccatcccg agggagccgg gtggcccat gtggcctcca 1320
tgacgttccc ttgggttctg gggacgcagg agccgaaggc caggcaccag ctgctcccat 1380
cagctctatg ggtctccagc accctccag ctctctggcag gcgtgtgaag aatgggcccg 1440
cccagggcc aacagccagc tcgtcatcac agcgagggtg gccaggcttg tcccggaagg 1500
aggcaggag gacgctgggc aggtcccga acgggcggct gcggaaacct tgggccatcc 1560
atggagaagg ccagcgctgc ttgctgtg 1588

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<210> 7733
<211> 1129
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (567)...(191)
<223> similar to gi913978 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7733
tttttttttt ttgtggcaac acgtttaatt ctgtggccag gctagcctgt ctccaaggcc 60
tgggtggacag cacgtcacca gaggtctccg caggagcagg cagggccagc cctgcaagag 120
gagtgcaggc aaaggcgggg gctctgaagt ggctgtgga ggcagcaggc cccgggctgg 180
gagtgtcag tagccgtcgt tagcccagg gacctcgtag tcgggggtact tggctttgat 240
tttctcagtt gaaatggcgt gctgggcagg accataggcc atggaatagc cgtacacgtg 300
aatcttcttg tcctgactct ggtgggagat gcgcccgcgg cccagacact cacagtcgca 360
gccttgcttc tgcattgtgc ccgacacttt gtcttagatg tccgcatggt actcagccca 420
cttgtagccg cgcacgatct ccttgtcttc tgcagccgga gccccggagc ggggagccga 480
gtggactcgg atcagcacat acttgaagac gccgtcggag tcgatgtcca catcaggaat 540
gagagcgagg tccgccaccg ccatgttcct cctcccggag tcccctcctc ccaccgcacc 600
cgggggcccgc ttgtactgcg ggaggcgggc tctgcgagag cgacgaccaa tcccgctcggg 660
gaatgcttcc caaggcccag cgcctcagcc aattgtaccg ccgaccgagg cacgtgtgta 720
ccaatcgcaa tccagttcct tgccgccttg cggctccgcc agccccgctt aaaggaaacg 780
tggaatcggg aatgggtggg gatgaaatca gccaacggag aagttcctct ccagcggggg 840
ccggtggcac ccttggaacg gggcagttag gcggcccgcg aggtgtctcg caccagctt 900
tgccctccag gctcccacct gggaacgccc cgtcccttgg tccttctctt cctaaccagg 960
tgtcagctct ggccaggccc aggtgtctct cttcccctgt tcagggtcccc tggcccttgc 1020

```

```

gctgggagac ttgcatatcg gcctgaagac ctccctgcgg tttttccag ctccctgcagg 1080
gccagactg cagcggctgg aggcgaagg acggcagggc gcgtggcgt 1129

```

```

<210> 7734
<211> 1944
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (348)...(1359)
<223> similar to gi4545264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09433725 "012100

```

<400> 7734
gggggggtttt ggttcgagac cctagtcacc gtgctggaat tccggaagag ctgggtgctg 60
acggcgctgg gcgggtcagg ggccgagagc gtgctaacca atgacttgag ggagtagggg 120
gccgggtttt ggccctcagt tgctaagggc tacccgagt ggaagcgggt caagagatgg 180
ggtgaagggt ggttcaccgg ttcttcaagt cctcagcctt ctggcccgcg gaagttaagc 240
aaccaagagg cgggcctaag accggaagca ggaaggagg cgcaggaagc agggcgccgc 300
agcctgtcgt acggtccttc tgtgggtctg tcggtgccga gggcaggatg gagaagctgc 360
ggctcctggg cctccgctac caggagtacg tgactcgtca cccggccgcc acggcccagc 420
tgagacagc agtgcggggc ttcagttacc tgctggcagg tcgattcgcc gattcgcacg 480
agctgtcaga gctggtgtac tctgcctcta acctgcttgt gctgctcaat gacgggatcc 540
tacggaagga gcttcggaag aagttgcctg tgcgctgtc ccagcagaag ctgctgacat 600
ggctgagcgt gctggagtgc gtggaggtgt tcatggagat gggagctgcc aagggtgtggg 660
gtgaagtggg ccgctggctt gtcacgccc tcatccagct ggccaaggct gtactgcgga 720
tgctcctgct gctctggttc aaggctggcc tccagacttc accccctatc gttccactgg 780
acagagagac ccaggcacag cccccggatg gtgaccacag ccctggcaac catgagcagt 840
cctacgtggg gaagcgggtca aaccgggtgg tgcgaaccct ccagaacacg ccgtccctgc 900
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agctgagtgc gacccccacc cccctggggc tgcaggagac catcgagag tttttgtaca 1020
ttgcccgcc gctgctgcac ttgctcagcc tgggctgtg gggtcagagg tcgtggaac 1080
cctggctctt ggctggtgtt gtggacgtga ccagcctgag cctcctgagt gacagaaagg 1140
gcctgaccgg gagggagcgg cgggagctgc ggcgccggac catcctgctg ctctactacc 1200
tgctgcgctc tcctttctac gaccgcttct ccgaggccag gatcctcttc ctgctccagt 1260
tgctggccga ccacgtccct ggcgttggcc tggtcacaag gccgctcatg gattacttgc 1320
ccacctggca gaaaatctac ttctacagtt ggggctgaca gacctcccgg aaggagggtg 1380
tggggagggg tggggcaggg agccctctt ccctaataaa actgactccg gcagcgtccc 1440
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ttcctccag gacacccttg actgcgctct cctgtgacga tgccactgca gcccgacct 1560
tgtcactgct gggccaagaa gccttacta ggagtgggat ccaggctcct ctcccacaga 1620
aagcgggtgac ttcacctcat ggagcccggg aagctgcttg cctcggcagc cataggagcg 1680
aacactgctg ctctctcgct ggccctggg gaggacagga agcctgaacc cgggtgatgg 1740
ctgaacgctg cccagcgtgt ctcttggtg gggccctccg tctgccccct tctccgcagg 1800
gccctgtggc tctggcagcc ccaggccatg gggttgccag cctccctgtg acagagcctg 1860
gtgaacagtg agcctggctc ccacgcaagt ggccctttaa gccctgcatc ctcggttgag 1920
agtaaaaggc ttttctccct taga 1944

```

<210> 7735
 <211> 911
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (134)...(379)
 <223> similar to gi3094014 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7735
 gcgggccgcg cgggtggcgga gactgtggct ttaagagcgt gccgggagcc cgagccccag 60
 ccggggccgcg cttcgccgct gcgcacccca gcggagccaa gcccacgct ggccggacag 120
 ggccgcctgt cgccggtcat tccaaggaag tcaaggacga gcatacctct ttaactcagt 180
 agttaatgtg ggctgtgggc ctgcagaaga gcgagtgttg ctaacaggac tgcattgcagt 240
 cgcagacatt tactgtgaaa actgcaaaac cactctgggc tggaaatacg aacatgcttt 300
 tgaaagcagc cagaaatata aagaaggcaa atacatcatt gaactagcac acatgatcaa 360
 ggacaatggc tgggactgat tggacagcat ctacccaacc cagtgtccac gttgaacgcc 420
 attcaaccga acattcttcc caagcgtgag agagtgactg aacacttggg tcccatccca 480
 ttttaagggc cttgcccata ccggggcatc cctcccaccc ctgacgcca tctttcctgg 540
 tgaccggcct cctaaatcgc tgtctctctg tcctctttgc tttgtatctg tttgtgaagt 600
 tgatcctggg cttctctctc tgttctagtt ttgggctgga aaacaaaaca acaaaaggaa 660
 cagatccttg accggcatgg cggcagccca ccttggttaag ggccccaggg cccatgagag 720
 agctgcctga tggcctcttg tcaggagagc cagtggcacg ggggcgtgag gaagagggaa 780
 aggggaaact ctaagggtcc tggcgcgggg aaggggtgga aggggtggag taggaacaaa 840
 attgcgccgc tcctggagac ctgataactt aggcctgaaa taattgactt gtctaaaagg 900
 acaaagagaa a 911

<210> 7736
 <211> 3128
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (820)...(2271)
 <223> similar to gi4191789 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7736
 gcggccgctc cctcccggac tcccggcctc ccggcctccc tgggcccgcc tgggaaggga 60
 tgcaaggaag ccctccggcg ctgcgctccg aggtgggaga cagcgtcccc ctccgcccct 120
 cgggtcctgg cgcctcagag cccggcccag gccgcggaac ggtgatgctc gggccggacg 180

ggcgggcgcg	gatccctgcg	tcccgtgtaa	aatgtgtgtc	tgacatgcaa	gctcagtggg	240
gcagagaccc	gtggattgct	gtgccctgcc	ctccggacct	ggatcatgaa	ggtggtggga	300
agaagcttct	tctgggtgct	gtttcccgtc	cttccctggg	cggtgcaggc	tgtggagcac	360
gaggaggtgg	cgcagcgtgt	gatcaaaactg	caccgcgggc	gaggggtggc	tgccatgcag	420
agccggcagt	gggtccggga	cagctgcagg	aagctctcag	ggcttctccg	ccagaagaat	480
gcagttctga	acaaaactgaa	aactgcaatt	ggagcagtgg	agaaagacgt	gggcctgtcg	540
gatgaagaga	aactgtttca	ggtgcacacg	tttgaaattt	tccagaaaga	gctgaatgaa	600
agtgaataatt	ccgttttcca	agctgtctac	ggactgcaga	gagccctgca	gggggattac	660
aaagatgtcg	tgaacatgaa	ggagagcagc	cggcagcgcc	tggaggccct	gagagaggct	720
gcaataaagg	aagaaacaga	atatatggaa	cttctggcag	cagaaaaaca	tcaagttgaa	780
gcccttaaaa	atatgcaaca	tcaaaaccaa	agtttatcca	tgcttgacga	gattcttgaa	840
gatgtaagaa	aggcagcgga	tcgtctggag	gaagagatag	aggaacatgc	ttttgacgac	900
aataaatcag	tcaagggggt	caatttttag	gcagttctga	gggtggagga	agaagaggcc	960
aattctaagc	aaaatataac	aaaacgagaa	gtggaggatg	acttgggtct	tagcatgctg	1020
attgactccc	agaacaacca	gtatattttg	accaagccca	gagattcaac	catcccacgt	1080
gcagatcacc	actttataaa	ggacattggt	accataggaa	tgctgtcctt	gccttgtggc	1140
tggctatgta	cagccatagg	attgcctaca	atgtttgggt	atattatttg	tggtgtactt	1200
ctgggacctt	caggactaaa	tagtattaag	tctattgtgc	aagtggagac	attaggagaa	1260
tttgggggtg	tttttactct	ttttcttggt	ggcttagaat	tttctccaga	aaagctaaga	1320
aaggtgtgga	agatttcctt	acaaggggccg	tgttacatga	cactgttaat	gattgcattt	1380
ggcttgtctg	gggggcatct	cttgcggatc	aaaccacgcg	agagcgtctt	catttccacg	1440
tgtctgtcct	tgtcaagcac	acccctcggt	tccagggtcc	tcatgggcag	tgctcggggt	1500
gacaaagaag	gcgacattga	ctacagcacc	gtgctcctcg	gcatgctggt	gacgcaggac	1560
gtgcagctcg	ggctcttcat	ggccgtcatg	ccgactctca	tacaggcggg	cgccagtgcg	1620
tcttctagca	ttgtcgtgga	agttctccga	atcctgggtt	tgattgggtca	gattcttttt	1680
tcactagcgg	cggtttttct	tttatgtctt	gttataaaga	agtatctcat	tggaacctat	1740
tatcggaagc	tgcacatgga	aagcaagggg	aacaaagaaa	tcctgatctt	gggaatatct	1800
gcctttatct	tcttaatggt	aacggtcacg	gagctgctgg	acgtctccat	ggagctgggc	1860
tgtttcctgg	ctggagcgct	cgtctcctct	cagggccccc	tggtcaccga	ggagatcgcc	1920
acctccatcg	aaccatcccg	cgacttccctg	gccatcggtt	tcttcgcctc	catagggctc	1980
cacgtgttcc	ccacgtttgt	ggcgtacgag	ctcacggtgc	tggtgttctt	caccttgtca	2040
gtggtgggtg	tgaagtttct	cctggcgggc	ctggtcctgt	ctctcattct	gccgaggagc	2100
agccagtaca	tcaagtggat	cgtctctgcg	gggcttgccc	aggtcagcga	gttttccttt	2160
gtcctgggga	gccgggcgcg	aagagcgggc	gtcatctctc	gggaggtgta	cctccttata	2220
ctgagtgtga	ccacgctcag	cctcttgctc	gccccggtgc	tgtggagagc	tgcaatcacg	2280
aggtgtgtgc	ccagaccgga	gagacgggtc	agcctctgat	ggctcggaga	tgatggaccg	2340
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aagctcgcac	cttggcaaca	gaacagccct	ctagcagagc	gtcagtgcag	tcgtgttatc	2460
ccggctttta	cagaatattc	ttgtcctatt	ttagaatttt	ccggagtagt	ttatttgcag	2520
tctgttgatt	atgtgcagta	gacccgggac	actgcgtttt	accgatcacc	ttgaatgtgg	2580
tgccctggatg	tgcccttttt	tttttccctg	aaattattat	aaattttctt	tggggagttc	2640
atcagttcat	agttttttta	gtaaagaagc	aaaattaaaa	ggctttttaa	aatgtacaac	2700
ttcagaatta	taatctgtta	gtcaaatatt	tgttattaaa	catttctgta	atatgaagtt	2760
gtaatcctgg	ccgtgagctt	ggaagcttac	ttttgattct	taaagcctat	gttttctaaa	2820
atgagacaaa	tacggatgtc	tatttgcctt	ttattgtaac	ttttaaatga	aataatttca	2880
tgtcaatttc	tattagatat	atcacttaaa	atatttgggt	ttaaatcaca	agaatatgta	2940
ttctttaata	aagataattt	atgatcatgg	tataattaat	tgaaatttat	taaaatctgt	3000
ttttattaat	ttttttgact	tgagcttatc	tttatacaaa	attccagcca	attttttttt	3060
tttactaaga	tgatttctat	attaacatgc	tattctccaa	gacaccaaat	taatgcaggg	3120
ttaattgg						3128

<210> 7737
<211> 1820

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (395)...(1417)
<223> similar to gi3879803 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7737
ccgggggggtg gaattcagct gcgactgcag ttctgaagcc taactggttg cccgtgccgc 60
ctcggagggtg aagtgtactg cgctgattgg cttccaggcg ccggccgcgt gtgatgtccc 120
gggcaacgat tggctctcgc ctaccggggg cttctctcac cgggactcgg gactccccgg 180
aagtggaccg gcagaagagg gggctagcta gctgtctctg cggaccaggg agacccccgc 240
gcccccccg tgtgaggcgg cctcacaggg ccgggtgggc tggcgagccg acgcggcggc 300
ggaggaggct gtgaggagtg tgtggaacag gaccggggac agaggaacca tggctccgca 360
gaacctgagc accttttgcc tgttgctgct atacctcatc ggggcgggtg ttgccggacg 420
agatttctat aagatccttg ggtgcctcg aagtgcctct ataaaggata ttaaaaaggc 480
ctataggaaa ctagccctgc agcttcatcc cgaccggaac cctgatgatc cacaagccca 540
ggagaaattc caggatctgg gtgctgctta tgaggttctg tcagatagtg agaaacggaa 600
acagtacgat acttatgggt aagaaggatt aaaagatggt catcagagct cccatggaga 660
cattttttca cacttctttg gggattttgg tttcatgttt ggaggaacct ctcgtcagca 720
agacagaaat attccaagag gaagtgatat tattgtagat ctagaagtca ctttgaaga 780
agtatatgca ggaaattttg tggaaagtag tagaaacaaa cctgtggcaa ggcaggctcc 840
tggcaaacgg aagtgaatt gtcggcaaga gatgcggacc acccagctgg gccctgggcg 900
cttccaaatg acccaggagg tgggctgcga cgaatgccct aatgtcaaac tagtgaatga 960
agaacgaacg ctggaagtag aaatagagcc tggggtgaga gacggcatgg agtaccctt 1020
tattggagaa ggtgagcctc acgtggatgg ggagcctgga gatttacggt tccgaatcaa 1080
agttgtcaag cacccaatat ttgaaaggag aggagatgat ttgtacacaa atgtgacaat 1140
ctcattagtt gactcactgg ttggctttga gatggatatt actcacttgg atggtcacaa 1200
ggtacatat tcccgggata agatcaccag gccaggagcg aagctatgga agaaagggga 1260
agggctcccc aactttgaca acaacaatat caagggtctt ttgataatca cttttgatgt 1320
ggattttcca aaagaacagt taacagagga agcgagagaa ggtatcaaac agctactgaa 1380
acaagggtca gtgcagaagg tatacaatgg actgcaagga tattgagagt gaataaaatt 1440
ggactttgtt taaaataagt gaataagcga tatttattat ctgcaagggt tttttgtgtg 1500
tgtttttgtt tttattttca atatgcaagt taggcttaat ttttttatct aatgatcatc 1560
atgaaatgaa taagagggct taagaatttg tccatttgca ttcggaaaag aatgaccagc 1620
aaaaggttta ctaataacct tccctttggg gatttaaatgt ctggtgctgc cgcctgagtt 1680
tcaagaatta aagctgcaag aggactccag gagcaaaaga aacacaatat agaggggttg 1740
agttgttagc aatttcatc aaaatgccaa ctggagaagt ctgtttttaa atacattttg 1800
ttgttatttc aaaaaaaaaa 1820

<210> 7738
<211> 1251
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (876)...(702)

<223> similar to gi3335367 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7738
ctttgcaata tgaaatataa tttttcaagt caaaaaagaa taaaatactt caatctgtat    60
taatgcaatt tctctttaa acttttaaac gtttttaata tataagagat atgttacagt    120
ttctttaact ttaataaagc tgcagtatcc tggtttcaca ggaactcctg gcccttccac    180
gaacattcaa aaaggatcca ctgtgttcta taataagtat cataggaacc caccacacaa    240
ggggaacaca ctaaacagtc cacacatccc atagcactac tatcatcttc atcataatta    300
ttactgttca ttttttcccta ctttaagaaa atggaaaact tgtgggggtt tcttcttttg    360
gaagcttcct attgaagtaa agtgtaaaaa ctatcattac tagaatgtcg ccgttcctat    420
tatttataga gcatgcattt caggtgttca ggtttcccag gctacagtac tttttatgca    480
gatatacctg caaattcctt tacttaaaaa ttaaatttta aaaatgagcg gatactacag    540
ctttccaagc tcctctcgga tctcagagtg ttggtggggc cggaaggag aaggagagg    600
gggggcaccc agggaggcag gcgagcgctg gggaaagagg atggggaggg gttccccctt    660
ccccagcac ggtgcgcact agcagcgccc gctgccttta agaaaagatg cggatggcct    720
gagtgaaccg ggtgtggcag accgggcact cggtctcgct cttctcacag atgcgattgg    780
cgactccat gcagaagagg ttgtggccac agggcaccag cgcggaatc acttcgctct    840
cgaagcacac ggagcagtcg cggctgcctt tacgccgaag cccggagaag gaggatgaag    900
agctggagga ggagctggac gaagaggagg agcacgacgt gtccgacggc tgcaagccag    960
gcagctgtgc cccagcccg ttggcataag cggcgtaggc caggcctcct ccacccgggt   1020
cgctgcgcac ccggcgagcc aggtgtgtgt ctcccgcccc cggggccatg tgcaagggtg   1080
gagacaggcg cgggcagctg gtgccagggt gcagccggcg gtgcaccaat agccccaggt   1140
tggcgttgga gggcgactg gcgccacccc cggggaagac cacggaggag gaagaagcag   1200
acgaagatgc agaagaagag caggaagaag ataccggagc tgcaggtcgc c             1251

```

```

<210> 7739
<211> 1448
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (314)...(883)
<223> similar to gi2911264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7739
ggagacacac aaagtagacc ttgggctccc agagaagaaa aagaagaata aagtgggtcaa    60
agaaccagag actcgatact cagttttaa caatgatgat tactttgctg atgtttctcc    120
tttaagagct acatccccct ctaagagtgt ggcccatggg caggcacctg agatgcctct    180
agtgaagaaa aagaagaaga aaaagaaggg tgctcagcagc cctaggaaaag gaagtaaaaa    240
gaagccagtc aaagttgagg ctccggaata catccccata agtgatgacc ctaaggcctc    300
cgcaaagaaa aagatgaagt ccaaaaagaa ggtagagcag ccagtcacgc aggagccagc    360
tctgaaaagg aagaaaaaga agaagaggaa agagagtggg gtagcaggag acccttgaa    420
ggaggaaaca gacacggact tagaggtggt gttggaaaaa aaaggcaaca tggatgaggc    480
gcacatagac caggtgaggc gaaaggcctt gcaagaagag atcgatcgcg agtcaggcaa    540

```

```

aacggaagct tctgaaacca ggaagtggac gggaacccag tttggccagt gggatactgc 600
tggttttgag aacgaggacc aaaaactgaa atttctcaga cttatgggtg gcttcaaaaa 660
cctgtccctt tegttagcc gcccgcag cagcattgca aggcccaaca tggccctcgg 720
caagaaggcg gctgacagcc tgcagcagaa tctgcagcgg gactacgacc gggccatgag 780
ctggaagtac agcggggag ccggcctcgg cttctccacc gcccacaaca agatctttta 840
cattgacagc aacgcttcca agtcagtcaa gctggaagat taaactctag agttttgtcc 900
ccccaaaact gccacaattg ctttgattat tccatttatg ctggagatta caaatTTTT 960
ttgtgaaaaa atcagatctt ggtgaggacc tgcagcagta agatataaat aactcccata 1020
agcttagcgt tccagtaatg gaacactagg cataaatggt ttattcagtt gtgcaaatga 1080
aagccatctg acagttggct cacattgaac acctgtggag attaaggacg aggacaacta 1140
tattgatggg cttggatgaa ctggggcagg gcagctcata tttcgggagc caggagaacg 1200
agtgaagtgc aaaacctcct gttttctgtg ttaaacattc cgtccctgtt tgagacatca 1260
gtatgtacag ttaacttttg ttgagtgttt agcagggtact agggacatac tagtgttttc 1320
cttaatgtat ttaactttca taattatgaa atgggtgcta ttattagccc catcttatag 1380
atgaggcaac tgaggttcag ggataaagta ataaaattgc ctggggtcac ccagcccact 1440
aaaaaaaaa 1448

```

```

<210> 7740
<211> 1404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1318)...(142)
<223> similar to gi3777604 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7740
tttttttttt ttaaaaagag aaacctttat ttacaacccat gggagtccca caggagtaca 60
caaaacacac aatgtgcaca cacacaaaat gaacctttta agtcaatacc atgctgtctc 120
ctggccgcgc gccacccctc agtgccttat ccgcaccacc atcacagtga cgttgtcggc 180
cgagccccgc tgcaccgcct tgttggccag cctgttgtag gctgcttcgt agcgggcgtc 240
ggctgcggac ttcccttccc ggggtctggat cttttcatcc tgcagacagg acaagatgaa 300
gttcacggct tcttctgggg taaagacctt gaagagccca tcacaggcca acaaaatgaa 360
cctgtcattg ggggtcagct ggcagcgtct gatgtcgggc acagaggtga caccgcagcg 420
cttgtagctg ccgtcccca tggagcgtga cactcttagc acgcccacaa cacgcccata 480
cctgacgttt cctccagcct tctgtatcct catcgcgtct tcatactgag ttggattatg 540
ctcttttgct aggccttaagg ctgcatgttt ttgactctcc tcattataac gacacaagat 600
tgccccgacta tctccgaggt tggcaatata aagaatgttg tctacagcca gaacacacgt 660
ggcagtggac ccatctttcc aggcaggcct ctggctggaa gcttgtttaa ggaactcttc 720
atcagtatgc ttgaaagtgt ccaaaaaggca tctcttcacg gttttctcta cactgattac 780
atctccttta ggaaattttc tgattaagtt ttgatgcaaa ttctgtgcag caaattttga 840
ggctcgaatt cctccatgtc catcaaaaac agcaaaatat gaaacccgag taatgagggg 900
cgatgggggc ctacactcct cgggtgatgtc gttcaggatg acgtgggcat cctgcatctc 960
ctccctctca cccttccgct cagccacata gcccttcaga ccaaagatca ccgaagaggc 1020
tttacaaact ttcttttcca caagctcttc actgccattc ttctcttctt cggagggttt 1080
tctctttgct cctttccctt cagtctttac catctgggat attgatgtgg caagagaacc 1140
tgaatcgcca ctgctagcgg gtgggagatc atcaaaaagc aaaggtcccc ctgatcctga 1200
gtcagtactg ctggccggag ggaggtcatc aaagagcagg ggtcctttct gagcttcttt 1260

```

```

cccggcagcc gggcgcgggcg agcgctcggg ctccggcagg tccccgaaga ggtccatggc 1320
ggaggctggg tggaggcggc agcagcgaca gacactcagc ccgcgagcag cggccgggct 1380
ccacgaaatc gtcgacccgg gaat 1404

```

```

<210> 7741
<211> 1427
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1337)...(963)
<223> similar to gi537235 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

0043375.01400

```

<400> 7741
tgattttatac gtaaaacatg ttagtggttat ttctgcttta cataaactta taaggatttt 60
ttattttaaaag gattttaaaaa tataacacag tcaatataaa catgtactgg gaattataaa 120
ccattcttttc ttctaagcac tggatgagat actaaaaaca tacagtatct taccaatagc 180
cattaaaaata ggctaaaatc gaaaaagaaa ccattgtaac aagggttatta atcccccaac 240
tttcaatgct gagttccttc atcatccatg tggcaatcca gaggatgaca tctaggcagg 300
gtgggtaaaa ttattctggg aaaatggcca actgttactt gggacaaaat taaggtttaa 360
ttgctattat gggttgttcc atttaaagtt ttatgtggg gctatgggtt tccactggag 420
ctaaaaattht ggcttttaac tgtttccaaa tcagaactag cagaggagag aagtaaataa 480
agccaatggc actcccttca gaggtcctaa atggttagat tttgatggca gatttaaccc 540
tagcgagttt tcagtcagtc catttagatg atcctgtagg ttcatacaaa tacactgaac 600
cgttgggttta acttctcttc ctctctcaaa gtttatgata aagagactca tccctgtatt 660
gggagtgact gacataagtt cagatctgct cagagtggct ggtaagggaac acttaaggtc 720
agtcagaaaa taatcaaaca gacttctcat gtaagcaccg tgactcacia ctaagacact 780
ggctgctaatt cctggaatac cgctgtctga attaacttta gagctgtgat tttttcctaa 840
aggaaatatt tctgccaag aagtttccag acagttgctt ggagatcctt gggaaaactg 900
ttctttttga tccgcttctt tcaggattag ttgacaaaaga aattcaaaaa agtctattcc 960
acgcattttc acctgggtcca gcgtctctcc tccgggcggt gtaaacacag ggcactcttc 1020
cctggctgct ttggccatgg ccctcagctc acttagcgct ttgccttcta caaccocgta 1080
tttcttttcc cgaagtcttg agtcatactt taccgtcata tctttgcaaa atttgcttct 1140
ctccaaaatt ccatgcatgg tctgctttgt cctcatgaga tcaactggaga aagcatgagt 1200
aaacttcaca ttattcagaa atataccagc agctgctgct tgtttaaatc cagtttctga 1260
aagaggttca tctactcctt gtccctggat tattttctcc ttgttaaadc ttgtttctcc 1320
atgccggaca acagtcagag cgaagcgagc catgttcccg gagccgcgct ccgtcgggtg 1380
ccccgcgccg cgctgcccct gcaactgcggg ctacctcccc cacgaaa 1427

```

```

<210> 7742
<211> 1438
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1225)...(621)
 <223> similar to gi3288452 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7742

tttttttttt	ttgcaaaaaa	gtcggcgggtg	ttttaatcaa	gtcttcattt	acaacggcag	60
aattaggaat	tgagtcccac	cgtagctttc	acattgcgtg	ggcagcagct	gtcacacggg	120
cctgtcgtgg	cactcagccc	atggcacaga	catatgtggc	tcagggcaag	aaccagtgga	180
tggggctctg	cacaggaacg	ctggcctcgg	gatgggagac	ccggcctgcc	caacactgct	240
cagagccctt	cccaactctg	acaacaggct	cgggtcagga	ctccccgaaa	tcaggcacccc	300
tctgtctcca	ctgctgagat	ccccaacggg	ccagacctag	cttgaaaact	ttcttccacc	360
tggctggcca	ggaaggcagc	aaacagagat	gatgactcgg	aatgatgggc	tattcggaaa	420
tggctagggg	aacaactgtt	tccctactgt	cctggcggga	cccaccctgg	gctaacgggc	480
ttcccaagga	agtcctagt	gctctgggg	cctgaagtcc	ccaaatggga	acctaggctg	540
agagaagcaa	ggctgtgagg	gcatccaaa	ggctgcctca	ggttttgttc	ctgagaacga	600
agcgtggccc	cggagggtca	ggcgtgctca	gtggggccag	ggccaccagc	atgggagtgg	660
gcaggggctg	ccacctgtag	ggggccagca	ctgggctccg	gggacgccag	cagaggggcc	720
gagaggccat	cagcagagtc	tgtgtcgagg	tccagcctcc	cgtaagcttc	gcacagaggc	780
aggtcattag	cttcgcaaag	gcttgagctg	gacgagtaat	actcctctc	cagctcgtag	840
aggtcaatgg	agatctcgtc	tcgcagcgtg	atgagcttcc	ggtcgcactc	ctcctgcagt	900
gtgcgcagct	gctgggttgc	ctggtcaatg	gcctcgttca	cggaggggaa	gtcattgagg	960
atcaggaact	gcttgaggtc	ggacaccagc	ttcatcaggg	actcgccggc	tcggatgatg	1020
ttggcggctc	gcacatgcat	ctcgtaattg	tctgtttcac	cctgagtggc	ccgtgacacc	1080
tgcgtctcgt	cctcaatctt	ggcgggtctt	atgatctcgg	tgaagtgtgc	catgatggac	1140
ttaatgtcgt	ccttcagccg	cttggtttag	gactgcagca	gcgtctcctt	gctctggggc	1200
agggtctctt	gctggggccat	ggccgagcct	caagcagcgc	agcggggaga	ccttggaacc	1260
gccccagcgc	ccgcacacca	gacgcccgct	ccgccgggtc	ggcctagggc	ggggtgggtca	1320
agtgcctctg	cgacccgcac	tttcccgcgt	ctctcccaag	gcctggccct	cccgcgcag	1380
tctctcttcc	ccggccgcgc	cggtcgaaa	acctagtcag	ccgcgcgagc	ctctcccg	1438

<210> 7743
 <211> 1667
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1138)...(428)
 <223> similar to gi5922596 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7743

tttttttttt	ttataaatca	gcaagtattt	attttaaata	ataaaacttg	tggtttatac	60
tcatacatat	ttacaaaaat	gctttgctat	agaaaaatag	aatcaatcac	tgaatccaga	120
ccaccacagt	ggagaacctc	ctggtgaagc	tgtgtttttt	cccacactgg	aaacacagag	180

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tagccctgtt tctgcacacg ttagtgcacc gctgctacgt gtggccgccc agctgtctgc 240
aggctgtgcc gacctctgcc tctgtctcca ggaagcagag gcagaagtga tccttgctga 300
ggagggccat cgagtctccg cttaaagtc agcacagaga gagcactgca aagtcgcctt 360
ccccaggcac ctgcaccgac atgcagcccg ctggggacca caggtagagc ctgctgcctc 420
ccgtgcagat ggccagccgc ggctgctgcg ggtcccactg aaacgcgcgc actggggaca 480
gctgctcgag caccgcgaac agcctcagct tctgaatgtc ccagaccag acggcattgg 540
gaatgttgct gttccttgct gccaggaagt agctgtcagg actaaatgcc agcattccta 600
tgccgatttt cgggtttgct ctgtcggtaa caggtttcag tgtctgtaag gagactggga 660
cagaggcgat ctcatattta ctctctgagc tcgggagagg gccggccccc gcccgggcg 720
gcggaagga gaggcagccc agtcccagct gtgggctctt ctggcctcc ttatacacca 780
ctatcttggg atcattaatg gctgcaggat gcccaaactc cgtgatcatt ttccaagtca 840
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gcacacagcc gtttggggcc cactcaatcc ctgtgagatc ctgggtgtcc gtatcaaaat 1080
gccgcaggag ctgccaatca ctgcagacga agatgctcac gtaatctttg cagtgcgcc 1140
gttctgccag cgccatgtag cggccgtccc tgggtgaagg gattccctgc agacaagctt 1200
tcgggtattt gatgtaagac acggattttg tgcacaagga ccagacggtt atccgcagat 1260
ggaattccgt ggtgttgaga atgtggcgcc cgtccgggct ccagcacgag gccaccagcc 1320
cggtgagcc ctgctctatt ttgcagtgcc attcgggctg ctctaaagac cagacctgca 1380
ccagccctcg cttgtacatg gcgcacagga tgaagagcga gtctgccgac cactcgatgt 1440
gctggatctg gtctaggcac gtgtacagct gaaggatctg aagggtgttc acatcccgga 1500
ccactaaccg gtactggaca caggaagcca ggtacttgcc gtccggggag aacttgca 1560
gtaagctgga gagcttgaat acctcgga agttcatggc cgcgcctgc cgcgggcgcc 1620
accctgcgcc cgaaaaccg cgggaccctt gggcgcgcac aacagcc 1667

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<210> 7744

<211> 5835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5686)...(3346)

<223> similar to gi2224681 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7744

```

tttttttttt ttctaaaaca acaacatagg catttttattt cttttcatta agcttcttag 60
tttcttagta tcacaatgga atgatgagaa aacaacaaaa acgtgagtca tttgcaaatc 120
tctgacaaag agcagagatc tcaaggcaat tggggcgggg gaggcttgac agaagtgcc 180
gagcagttcc aacgtcacat ctctccttg ctggaatggt gagaaagggt gactgtcgt 240
gagctgtcct tggcaaattc tgcccatga gccacgtgcg cctgggtctg catgggccac 300
ccgcgggat tttcctggtg gcctcctagg tacctgggcc acacaccct cgcctggtt 360
ccaacgcctt ggggagcacc gtcccagtgc tcagggtggga ccagaagcc agctctgctg 420
ggcagcgggc aagatgtgga ggagcggcag aggcaggcag cgttgcttgc ggtgggagaa 480
gccaggagt gtgaccaagg cccatctggg agacatctgt ggtggaagg agggctggcg 540
cagggtggcag cagcagaagt ccgtgtcccc aggcagtagc aggcctagag cttcacagt 600
ccagggggca ggctgtcgtt gcagagtctg tagtagcgca ggtcgttgac cagcctgtgc 660
acattctggg tgaatgaggg caggtcctgg aaggcagggg catagctgca gccacaaca 720

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caccaggtca	cccacccacc	agaccccaac	agctacttcc	atcccagagt	gtgcactgaa	780
gataggggag	cacttttctaa	aactcaaaac	ttctattcac	tggttgactg	cgtgtcacag	840
agactctgtg	ccaggcgctg	tgggagaaaa	agaacaagag	gaatacgtcc	ctagggcctc	900
tcgggtgcca	gacactgctg	caatcaacat	acagacatca	actcactgag	tcctcaccac	960
aaggctgcca	ccaagcccta	ccagaaccac	tagtctaagg	acagaaagac	caaagcgctg	1020
caccatgaag	aagctggccc	cagctcacac	tgaagagacc	agcacacttg	ctcctgagtc	1080
cggcccctca	aacgcagaca	tggctgtggt	gacagccctc	ttcttcacca	tggccccttg	1140
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cctgcccctc	gagagccacc	cgagcagcag	caaacacagt	cccaaggcct	gtcccactgg	1260
cgcgacggtg	ggccatggaa	ggccctgggc	cagaagttag	gccctgacct	ccgccatcat	1320
gcacacgggtg	agaccctgct	ttttttttca	gtgtagggtcc	cggtgaggac	tcaaacaggc	1380
ccagcaagcc	ccagcagagc	catgagcagg	accaagttca	ttttcctgcc	caaccactat	1440
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atttcctggc	cccagcagcc	agctcagcgc	ctctgtcctg	agcaatctgc	ttctggggag	1560
tgtgtgcagg	ctctggggcc	agaacaccca	ggtctgcctc	ctgcttcgca	gctctaccac	1620
ttccaagttc	tgtgaactgc	tcaccttctg	agccccacc	atctgtgaaa	tgggggagta	1680
acaggaccca	cacttcagag	gcttgtaga	aggcttactc	gagccaagac	atgtcacatg	1740
cttggcacta	tgtgggtccac	agaggggtgct	gtattggcct	gtctaccatg	aaagacttgg	1800
tgaaggctgg	gactggtgcc	ccagttcctg	gcccggggct	tgagaagcag	ctggcttcaa	1860
acacacagtg	cgtgactgaa	tgggaagggtg	tgattctttt	attttaccct	caaaaaacca	1920
actaagggat	gtctttttaa	tcagtggctc	ccaaatgcc	aaccagaatt	tcctgggtag	1980
aacacagaag	tctgtttctc	cattttttaat	aagtacccca	ggtgcttctg	atataactag	2040
atTTTTTTTT	ttgagacaaa	gtcccactct	gccgccagg	ctggagtgc	gtggcacaac	2100
ctccgctcac	tgcaacctct	gcctcccggg	ttcaagagat	tcttgtgcct	cagcctccca	2160
agcagctggg	attacaggcg	tgtgccacca	cacctgacta	atTTTTTTTa	TTTTtagtag	2220
agacaggtt	tgcctatggt	ggccaggctg	gtctcaaacc	ccctaaccct	aagtgatccg	2280
cccgcttgg	cctcccaaag	tgctgagatt	acaggtgtga	gacaccgcgc	ctggcctata	2340
actagatttt	gaaaccacag	ctttaaatca	aaaagttgac	tgatattgat	gtcgttagaa	2400
gctgatcatt	aagtattagg	atctggcctc	tagaaaaagg	aaaaaacata	tcaggggct	2460
gaagtgaact	ggaagaggct	taggagagaa	caagtcccaa	gaaaagggaag	accccaagac	2520
aaaggagaac	aggatgagtc	taagcaaaag	cttccctgcc	acacgtggca	aatgaggaaa	2580
gcaggcgggc	aggtttgcac	cagtgcagagc	agtgtgtgca	tctgagcact	acgggtggagc	2640
cgtggacaag	ctgcttcaca	gaggactcag	gtcaagaacc	ccaagaggac	caggggagaaa	2700
gcgatttctt	ttcctaattt	catcaagtat	aaaacgggtac	aaggaaaagt	tcccagaagt	2760
tcctatcagg	caagagagag	gcctggtcac	ctgacacagg	aagaagagaa	cagggtgagcc	2820
ccatggggaa	ggaggtccca	ggcactgtca	ggctccaaca	agatggcctc	atggacacca	2880
agagccagca	gcacccagct	cccaccgagg	tgctgcacgg	gtggggacag	cccacctgac	2940
agtccctgca	caggtggcag	cagtgggaca	agaggggtgag	tactaggagg	gctcctccca	3000
ggacctggca	gcaactcagc	ccaagctgag	ctggggctgg	tctggaaaga	gcccagaca	3060
gccggggaac	ctgggtccca	cctctaacc	tggggaccca	gaagtgcagc	tcccagcac	3120
caaccatctc	agcctgaatg	caagcctggg	cacactccaa	tgctggcccc	accggggctc	3180
atcaccaggg	agggagaacg	gcagggctct	gggtatgaac	aaagatgcca	agacaaatgg	3240
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cagacaccaa	gactggggaa	aaggctgtgc	ccctcaatca	ggctacagca	ccaggtcagc	3360
aggcatctcg	tgagctgccg	ccaagctgca	gggtgggcac	agaccacgcc	cagaggcctc	3420
aatgtgcccc	ctccttgctg	cacaggtgcc	aggcttgctg	gcccactctg	ccctcctctt	3480
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gagattttgt	ttaaaaaggt	ggatgtcggg	ctggagaaaag	gactgtccga	aagcctgcat	3840
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ctccatgcac	agggcgatga	tgctggggag	gaagggtctg	aacacctggc	ctggctcctg	4080
gaccaccacc	tgcaggatct	tcagaaactt	ctccaccacc	cggcagcctg	tgctgccttc	4140

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gtggaggatg ctctcggcta actgctctct ggtaaacaatg ttgaggaaag tctgtatgat 4200
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gctcagcatc tcatcagtca catctgactg atggataaaa gctggaaaga gggccaggga 4320
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tagcctgctc ttcactgtgt gggcattgtt atccttggtg attttctgca ggaggtagaa 5760
agtccctgg aacatacgca gtaaatactc ctcaaattcc ataggcacac agttctttgga 5820
catcccacgc gtccg 5835

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<210> 7745
 <211> 2478
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (198)...(1752)
 <223> similar to gi35871 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7745
agaagcgtag accgagtagc ttgagcgcct cttccgggtta ctttttccca gtgccagagg 60
cgcttagggg tggggctctc gctcaggcac agagaccoga caccgagcgg cggcttcccc 120
gggatcgagg gacgcgcacg ccagaggaga cgaaaggaac ccgggtcgga ccagatcgga 180
accactgacc attgcccatt gcggccctag gccctagcag ccagaatgtc actgaatacg 240
tcgttcgagt tcctaagaat acaacaaaaa aatataacat catggctttt aatgcagccg 300
acaaagtcaa ctttgctacg tggaatcagg ctcggtcgga gcgggacttg agcaacaaga 360
aaatctacca agaggaggag atgcccgaat cgggcgcggg cagtgaagtc aaccgcaagc 420
ttcgggagga ggctcggagg aagaagtacg gcacgtcctt caaggagttc cggcccggag 480

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accagccctg	gctgctccgg	gtcaacggca	aatcaggcag	gaagttcaag	ggcatcaaga	540
agggagggcgt	aacagagaac	acgtcctact	acatcttcac	ccagtgtccc	gacggggcct	600
tcgaggcctt	ccccgtgcac	aactgggtaca	atttcacacc	gctggcccgg	catcgcacgc	660
tcaactgccga	ggaggccgag	gaggagtggg	agaggaggaa	caaggtgctg	aaccacttca	720
gcatcatgca	gcagcgccgg	ctcaaggatc	aggaccagga	cgaggatgag	gaggagaagg	780
agaaacgtgg	ccgcaggaag	gcgagcgagc	tgcgcatcca	cgacctggag	gacgacctgg	840
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acgaggcctt	cgaggacagc	gatgatgggg	acttcgaggg	ccaagaggtg	gactacatgt	1020
cagacgggctc	cagtagctcc	caagaagagc	ctgagagcaa	ggccaaggcg	ccgcagcagg	1080
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agaagcgag	gaaagacagc	agcgaggagt	cgacagagtc	agaggagagc	gacattgaca	1260
gcgaggcctc	ctcagccctc	ttcatggcga	agaagaagac	gccacccaag	agagagcgga	1320
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gaggcacaaa	attcacttga	ccctggaagg	gggggggttg	tgtgagctga	caccacccca	2400
ctgcactcca	gcctggggga	cacgtgagac	tttgtctcat	taattaaata	ataataataa	2460
attgctcaga	aaaaaaaa					2478

<210> 7746

<211> 1886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (78)...(1835)

<223> similar to gi3387942 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7746

cacgaggccg	caagctgagt	cctttccgct	cctttgccag	caccgagctc	ttccacttcc	60
atgttcctga	ggacacattc	ctggctgttt	ggaacctcat	catcttcaag	gagcaagggg	120
gaacttttgg	ggaccactgc	ccagacccaa	gtgtgactgt	gtatttccgg	tccggggcac	180

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cccctgtcat caatcccctg catacacact tcccagggga cacagctgtg cctgggggttt 240
tctcactgac cctcagctgg aactgcccc accgcacctc aggcattcttt aacgtcagca 300
gccccttacc tggggactgg ttcttggtctg cccaccttcc ccaggccac gccacatct 360
ctgtcaagggt tctccaggat gagtgtcagt acctccttca gccgcagctg attgtccggc 420
gtttgctgga cgtcgtctgtg ctgggttcctg gccggccctc agagcaaacc ctctccccac 480
acaatcgctc agccctgtac aaggtctttg tgcccagctt cacttacagg gtttcagcac 540
agctggtgtg tgtggggggc cgtgggggtat ctgcctgccc cctgtcactg cgtctgcgtc 600
ccaaagcccc acccctgcac aactcaagct ctgtggcctg tggaggtgcc tcaggatgcc 660
agctggagct ggcactgccc cctggggggc actgggtcta cgtgcgtgtg gaaacatcat 720
cccggggccc tggtaggacc atccgcttcc agctgtgtgt gcagttgcaa gagtgccac 780
agccccgctt gctccgagcc ctggtccctg gagctgccat gaacatgccc cagtccctgg 840
gcaaccagcc actgccccca gaaccgccat cccttggaac ccctgcggag gggcctggga 900
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cagccgtgtt cgccatgagg ctggtgccag tgctggacag tggaggcgtc ctcagcctgg 1080
agctccagct caatgcgagc tccgtgcgcc aggaaaacgt gacggtgttt ggatgcttga 1140
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ccggcttccct cctctctgtc agtgccacca ccagggttgc caggctgcga atccattcc 1260
cgcagacggg gacctggttc ctggccctcc gctccctgtg cggggtgggg cctcggttcg 1320
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acgactgcgg gccctacggc cagtgcgaagc tgctgcgcac acacaattat ctgtacgcag 1440
cctgcgagtg caaggccggg tggagaggct ggggctgcac cgacagtgcg gatgcgctca 1500
cctatggatt ccagctgctg tccacactcc tgctctgcct gagcaacctc atgtttctgc 1560
cacctgtggt cctggccatt cggagtcgat atgtgctgga agctgcagtc tacaccttca 1620
ccatgttctt ctccacggta tgcggtggtg tctgcatctt atcactgggt gcttgtgcat 1680
ggtggtgggt cacagtctgt atttccacca cgttctccga ggggttggga atgtctgtgc 1740
cttcactgtg tcttctacag acagagacag cagtgcctcc caaactgtca tgcatagata 1800
atggtcattt ttgtaagaca cattggagta aatgaacaaa actgtttgca acttaataaa 1860
gtaagtttgg gcctccaaaa aaaaaa

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<210> 7747
 <211> 901
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (828)...(470)
 <223> similar to gi2706620 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7747
tttttttttt ttctttacaa agataatctt tattcataat cacaggccac aggggtgaga 60
cctgaggttt gggttctgtg gtgaaggaga acccctgtcc tcctgtccct tgccctgggc 120
ctctgctggc tgaggaggga caaggtgagg gggcccccac ggtgctcaga caaccagagc 180
ctccctggca gggcaggagt gtgggtgcc aagagacaag ccccttgag agctgacctg 240
gagccacca tccccatagc ctgtgtgagc atgaagcgag gacccccggg tgggctgtgc 300
cctgggcttg tcaactgatgc cagtggaggc tggcacctgc ccctctcggc acctgagaca 360
gtgagggaag gtagctgctg ccgtgaagaa caaagatgct ctgagcacac acttgctggg 420
gctgagctga ggggcacacg gaggcaggcc ctgcccgctg tctggtcagc tgtccctgcc 480

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gccgctactt ttctggtctg gggctgtagc cttggtcagg ttcccagctt ccctcttgag 540
aacgctgagc aaagtctggg agctctccag gatcttgagg taggcggcct ccgtctccgc 600
gatggtccgg tcgaactcgt tgcgagaggc aatcttgctg gccaggttct cgttgacgcg 660
ggccagcttc tctgtcagct gcctcacctc attctgcagc cgctgcttct cgtcctcctc 720
ctcctggatc tgccggcaca gtcctccccg cttctggcac agctcctcta tgcacttgac 780
cagctcggtg ttgtagttct gcagcgccgc gccctgctgg gtcattggtca acgcccggcg 840
gggccccacc accccaaccg ccgcggaagc agcgtgtgcc gcgcctgcgc acgactcccc 900
c 901

```

```

<210> 7748
<211> 1340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(1063)
<223> similar to gi5911911 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7748
ctttgaagaa gatgaagaca ggaacttggt tctaatagca tatccattga aaggggacca 60
tggaattgtg gacattgtag ataattcaga ctgtgaacca aaaagtaagc tcctaagggtg 120
gacaacaaac aaaaaacatc atgtcttaga aacagaaaag acccctaagg actgggtgctg 180
tcagcaccgt aaagaggaga aaatgaagag ccataagtta gaagaagaat ttgagtggct 240
aaagaaatct gaagtcttgt actacactgt agagaagaag gggaatataa gttcccagct 300
taaacactat aacccttgga gcatgaaatg tcaccagcaa cagttacaga gaatgaagga 360
gaatgcaaag catcggaacc agtacaaatt tatcttactg gaaaacctga cttcccgccta 420
tgagggtgct tgtgtccttg acctcaagat gggcacacga caacatgggtg atgatgcttc 480
agaggagaag gcagccaacc agatccgaaa atgtcagcag agcacatctg cagtcattgg 540
tgtgctgtgt tgtggcatgc aggtgtacca agcaggcagt gggcagctca tgttcatgaa 600
caagtacatc ggacggaagc tatcgggtgca gggcttcaag gaggcacttt tccagttctt 660
ccacaatggg cggtagctgc gccgtgaact cctgggacct gtgctcaaga agctgactga 720
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catttatgat ggcaaggagc ggcccgaagt ggtcctggac tcagatgctg aggatttggg 840
ggacctgtca gaggaatcag ctgatgagtc tgctggtgcc tatgcctaca aacctatcgg 900
cgccagctct gtagatgtgc gcatgatcga ctttgcacac accacctgca ggctgtatgg 960
cgaggacacc gtggtgcatg agggccagga tgctggttat atcttcgggc tccagagcct 1020
gatagacatt gtcacagaga taagtgagga gagtggggag tgagcttgct agctgctcca 1080
gtacttgaga gcgactctgt gtcccaggca cagctgtgct gcgtcaggga ggaagccagt 1140
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gcctgagcca gtcccagctg tgcttgaggt ctttatttat tttaactatt ttcttcaaac 1260
attccacatt tggatggatg atacctcttt cttccctgag tgtatatgtt ctaatacaaa 1320
tctttttgtt tattgtaaaa 1340

```

```

<210> 7749

```

```

<211> 3203
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2869)...(1061)
<223> similar to gi297408 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7749

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agagggaagg gagatacagc aaacaattac acaaacgcag tatgcacgct ccttgccgac      120
agggctgccc agtatgcacg ctcccttgccg acagggtctgc ccagacggca aacctcttca      180
tggacatcat gttaaaataa aaggacttgg cctgcattcc ccagggagac cccctattcc      240
actgtagaca gctctcctca cgaatttttt gaaagaaccc aaggactccc ctttctggta      300
gtcgaaacct gtgcattcct tggtgacctc cgagagagaga acatgggccc gcagtgggga      360
cagagggcac cgggactctg ctgggtgtag tgcttcacat tcagaaccgc ctggatgctt      420
tgcatagtta cctctgatat cacaagatgc gtcaggaaga gaaacgcacac gcacaccatg      480
agggaggcag ccctcaagca gcggattcct ttcaaagaaa gacccagggg cttctcccct      540
cctcattcag agctgcacag tatgagcttt aacccgggtc aaagtggag acaaagttag      600
agatatctca taaaaatttc ggccagaaca aaaaaaaaaa gtaaaattaa ttttccttaa      660
agacaactag aaagaaaagg gtccccccaa cccacctttt tttttttttt acttgaaatc      720
tgccagccag acaggatttc tgaggttaat ctgcttctgt taatcctcaa ttttagcctt      780
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gcttcaggaa accaaccaaa tgcagaagca gagaacttaa atattgtaaa taagttaact      900
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aagaaattgg ggggtagggg acacatggga aaaaaccaca catttttttg tcatgagaaa     1020
ttggacttta aatccgcgcc ctgcacacgc aattcattta gaccttttcg tgaatcttct     1080
ccactttcac aaacaacctt tccagatcat tcctcaggtc atctagtaaa cccttggtcg     1140
attccagatt gttctcgttg gtttctattt tgaccgagta tgcaaccaa ctgtccacag     1200
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gactgagcag cgtgtgcacc tgctcctgca ccttctggag tgattccacg gtgctgggga     1380
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actccaggct ctcggtctgg cgcgcagaag ccacctgcat ggagagcacc ccacctcca     1620
cgtgctggag cctggagtc agtccctgac tcttttgctg gagtgcctca aaggcttcg     1680
agtgtctgaa gcctccgtcc tccttcggcc cgtgggaatc ggacttcagc tggcggagct     1740
cttccctccag tctccggatc tcctccggga ggcgggagac ggactcctca gacctgagaa     1800
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tctgaagggt acttctcagg gcctccatgt cccactctct ggacttggct gaggtctgta     1980
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cactctcccc ttgcttcaca gctttctctg tgaggctctt tttatgttgg gagcttctca     2340
agatggactc aaaagttcca aatgtggctt gcaaagactg caccttctgc tcgacgccct     2400
gcaagccctg gccagctcc tcctctgccc gggagaagtc ctggtggctg cgccggacct     2460
gctggacctc ctccaggacg tggtagacgc accagcccga gaaagcgcc gccgccacca     2520
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0940726.01.100

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acgaggcggc ggcggcgcca gcggcgcggc aggcggagga ggaggaggag gacttgccgc 2640
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gcgggtgctg ctgcggtgtc ggcgcgggcg gcggcgcggc ctgctgcggc gccggcggcg 2760
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<210> 7750

<211> 3138

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (912)...(1905)

<223> similar to gi2565048 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7750

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cgccccgggc gaacccagct cccggcccc ggccccgggc ccagcttcgg catggatgtg 180
aggttctacc ccgcgggcg gcgggaccct gccagcctgg acttcgcgca gtgcctggg 240
tactacggt acagcaagtt tggaaataat aataactata tgaatatggc tgaggcgaac 300
aatgcgttct tcgtgcccag tgagcagaca ttccacacac caagccttg ggcgaggaa 360
ttcgaaattc caccaatcac gcctcctcca gagtcagacc ctgccctagg catgccgat 420
gtactgctac cctttcaagc cctcagcgat ccattgcctt cccagggaag tgaattcaca 480
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tgcaattgca gcagcagcag cagcagcaac aacaacagat gcaacagatg cagcagcagc 1560

```

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atgatatgtc agaaaaaa 3138

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<210> 7751

<211> 2629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (134)...(2631)

<223> similar to gi3540161 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7751

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aagaccgagg caactactgc tctggcttct gatcctcgca gcctgggaga cgggtagtgg 180
ccagctccac tactccgtcc ccgaggaagc aaaacacggc accttcgttg gccacatcgc 240
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cgtggacagg ccgtgcagg ttttccatgt ggacgtggaa gtgaaggaca ttaacgacaa 480
cccggccagg ttctccgtaa cagaacaaaa gctctcaata cctgaatcca gactgcttga 540
ctctcgattt ccactagaag gcgcatctga tgcgatgtt ggagagaacg cattgcttac 600

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gttggtgttg	acagcaactg	atggaggcaa	acctgaattt	accggatctg	tttctctgct	780
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<210> 7752

<211> 2265

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (187)...(934)

<223> similar to gi2633977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7752

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gcgctgtgca	gcgcgcgcca	ggccgcctgg	cgggagaact	tccccctgtg	cggtcgcgac	180

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<210> 7753
 <211> 7153
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (55)...(4946)
 <223> similar to gi3327042 in the genept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aattattatg	gtc					7153

<210> 7754
 <211> 2966
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2967)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (15)...(1661)
 <223> similar to gi5001689 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ccaacttcag	ccatcaggat	gtgtggctgg	aggcccatct	tccccgggag	cctgatggca	240
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63483225 "01E100

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gctggggcacc cctctcacgg ttggggagga ttctgtaaat aaaggtgccc cttgggttgg 1920
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<210> 7755

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (835)...(468)

<223> similar to gil685102 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7755

```

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aatttccccc caaatcaatt caggtaaaat tagatactta tgcacttcac gggctatcaa 180
aacttgcaac ttcattatca atttcagttc tgaggtcata cacacaattc aaaatataca 240
ttaactaggt taaggcgata aaagtgggct gaaagaaacc acaggattca gaacaatgaa 300
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gaaacagctg gtgtggcctg ctggaggctt cgccgaggga gggctcattt cttctctgcc 480
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gtgtttttga tagtcaaggc ttccctccacc gtctttcctt tcacccattc agtgggcta 660
gagctggagg caattgcgga accacagcca aatgttttaa acctagcatc cacaatcttc 720
cccttttcat ccacttgaat ctgtaatttc attacgtcac cacatgctgg agccccacc 780
agtccagttc caacattttt agatgtcttg tcaagggacc ccacgtttct aggattttca 840
taatgatcaa caaccttctt gtgatagagt cgggcccggg cgcagagctc ccgggcgggc 900

```

```

aggcgggggc tccgcagcag cagagccgat gccacccgcc tcagacggcc agccccagcc 960
gccgccatct 970

```

```

<210> 7756
<211> 1619
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1463)...(381)
<223> similar to gi3114828 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

CCCTGTTGTTG

```

<400> 7756
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gcaatttcct ccaggttagg gatcccaagg ggctcgctgcc ttectgggtc tctcggcctg 180
gcccttgggg atctacagtc atcaagaagt gctgggggga agtgagctct ttatttagac 240
atagctctgc tgagtggaaa gtgggcacca gccccattaa tgcttgctgg ctggtggctt 300
ccaagcacgc cccactgcc aagctcagct ctgcagttct gccactgcag gtccctagca 360
cagccccag ggtccttaaa agtcatcatc atcacagatg tcaaggtaca cgtcgaaagc 420
ctctctgttg cagtttccat caggagtga gacatatttg tggaagggtc catctacgca 480
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```

```

<210> 7757
<211> 1979
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (269)...(1585)

<223> similar to gi3212997 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7757

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<210> 7758

<211> 1618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(1222)
 <223> similar to gi3724105 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7758

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gctgtgacct	ggagcggcag	aaccaggagt	accaggtgct	gctggacgtg	cgtgcccggc	1080
tggagtgtga	gatcaacacg	taccggagcc	tcctggagag	tgaggactgc	aagctcccct	1140
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aaacctcatc	ttgcctctat	gttatttcta	gaatgctgaa	aagctttcct	gacccaagca	1380
aagacacaca	tcatcaactt	ccaatgtctg	gacaactcct	tcctgttgag	ggtcgagcct	1440
gtttgtttct	aaagatgttc	agctccctgt	aatctgagct	cccagttact	acttaagggtg	1500
tttctgaac	cgtactactg	catttctgt	tttcttttt	tctttggcat	tctctggaat	1560
gcaaggagga	gacttcattt	acttcccaat	aaacttcatt	tctctggcat	aaaaaaaa	1618

<210> 7759
 <211> 955
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(956)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (775)...(333)
 <223> similar to gi5381319 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<210> 7761
 <211> 1516
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (741)...(509)
 <223> similar to gi6684 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7761

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cgctgcgttt	taacatttta	cattcatgag	taaacagaga	tggccggtgg	gtaaatatct	180
tgccaagggtg	gttcctggta	ttaagccttt	tgagtcttaa	gatgacaaat	ccctagggat	240
caggtgggttt	tcccgcacga	actcttgtca	atgagaaatc	cctcagcccc	ttttgtcttg	300
ggtctcacag	ctccagaagt	gagccggggc	agaacgaagc	catcctagag	tccccaagga	360
cagccctccc	gtggacccc	gctagggccc	ccagagtctc	atcctcagga	gtgcgccagc	420
tctgggcctg	cgtgcggcg	gggtctgcag	ccacaggctc	cgcgagtccc	ggacacttcc	480
aggacgtggt	ctcctggtga	gacagctcct	ccgggtacca	gtctcgactc	ctccgggcag	540
gcgacaacaa	agtcgagtcc	cgcctccac	gttcgcctgc	tgcgcgtctc	tgctctctct	600
cggccgcgcc	aactctgggg	cacagctggc	tcctcctggg	ggcgatgcag	catcacaggg	660
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cgggtctggg	tctggctcat	cccttaaaga	ttccaagatt	gggcgcactc	tgagctcccc	780
aaacacaaaa	tgatgggatc	cctgcgcgtg	ccccacgtc	acagagtggg	aggggtccag	840
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taacctgcag	gtgcaaacag	cacccctatt	tcattgccgg	cagctacttt	gtactttcgt	960
actgatagac	aaagatagtg	acaacaaaga	cggaaagaaa	caagcatcga	aagctacatg	1020
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gtgcggaaaa	tggtcgagat	agcagccctc	gtccagtggg	ggcgccctct	tctgggcggg	1260
gggcgcgatg	cggccttcgg	gggtgcgcg	gcgcggcccc	cctgcgccct	cccgcccgcg	1320
cgcgcaccag	ccttcttgcc	cgcggccgac	gccgacctgg	gcccgcaggc	agcgggaggg	1380
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gtcagccggg	tctggg					1516

<210> 7762
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (674)...(115)
 <223> similar to gi3093311 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7762

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gggcccggaa	aacctccacc	ttctcccgggt	acagctgggtg	gaactgcttg	gcaaggcagt	180
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tcttgttccc	aactaaaaca	cctgggagag	agatgcctgg	agcctgtgac	cgagccttct	360
ccagccactt	gctgcagttg	ttgaaggatt	cttcattggg	cacatcatag	acgagacata	420
agacattggg	actctccac	aatttatcca	gcatttccga	aaacagctcc	ttgccagcag	480
agtcaaaaat	gaagagttcc	acactgtctc	ccgtgtcagg	aactggcact	gtcttcacca	540
ccaaatccat	tcctgttggtc	aggggtgtagc	ttttctggaa	atgggctcca	tactgaggga	600
agatctgtgc	cagggcgggtc	ttgccactg	ctgggtctcc	tgccaggatg	catttggtctg	660
ccagcttcac	catggtaacc	aacactccc	cgagccgtac	ccagaggaca	agagcggctg	720
ctagagacgc	gagtgggttg	gcttcggggc	ctgggtctgg	ctgggacggg	aagggtgggga	780
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ctgtgctccc	cgcccagccc	ctcagcacag	ccctaccag	agggttcaag	gaaggacgat	1020
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acgcgtgggt						1090

<210> 7763
 <211> 1078
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (397)...(536)
 <223> similar to gi3860012 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7763

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ggcccttcac	cagcagccc	tccgactgga	aagatctgcc	tcttctccaa	gaaactcaac	180
caatagtgc	aatgaccagc	ctcctgacta	ctccttctcc	aagagaagaa	ctgatgacca	240
ccccaat	acagcccact	gaggccctgt	ccccagaaga	tgagagccagc	acagcactca	300
ttgcagttgt	tatcacggtt	gtcttctctca	ccctgctctc	ggctgtgatc	ttgatcttct	360
tttacctgta	caagaacaaa	ggcagctacg	tcacctatga	acctacagaa	ggtgagccca	420
gtgccatcgt	ccagatggag	agtgacttgg	ccaagggcag	cgagaaagag	gaatatttca	480
tctaagtact	cccaggcccc	aaggagctta	ttcctggctc	catcgctaac	acgttgactg	540

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cttattatgg gaaagttttc tctgaagcca gggagaagca ttgattgatg tgggcaaadc 600
caagctccag ccaggctcgca gtcccaaadc ccgacatcac tgactccagg gaccagggac 660
atggagaaaag ctgtttatga tatctttaac caggccctct tactagagct ggtgtttgtg 720
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acctcctgat aaatgtgcta caccacctaa tctgagccct tcctttccgt gttccccaac 1020
aacctcatgc ttacgtgatt tttattcaaa ttaaaaattt tcattgctaa aaaaaaaaa 1078

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<210> 7764
<211> 1103
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1042)...(497)
<223> similar to gi4741198 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aggtaattgt ttattactgg agaagagaaa aatgtataca agaaagtcta gattctttct 180
ccacatgcac tacttttgga ataaagttcc aaatatcaac tttgaagata cttacaagga 240
taaatttttc ttaacaagt accaattact gtgtgtgga cattttttca tagaatccat 300
atactgtaaa ctaaatatat tcttatagtt tacaggaagc ttggagcaat tatgtattaa 360
cagagaagat ggtattatat tttactgcaa aatattataa aagtataca attttgtggc 420
tcttaaatgt ttaattactt gatttcaaca ggacaatgaa aaaaaacca aaatcatcaa 480
gacaggcctg gctttaaggc tttttgtatt cgattcggtt tactttcaca tcatctccaa 540
ttagctgata cacatagggt accactgtag aagcctggat atccatcaac acaaatgatg 600
gaataatgtt tgtttccaag gcattatatg cccagtggtc agaacctgga ttaatgtaga 660
atttattttc atgctcaaat gcttcaaat tgtgtgtgtg tcccagata agaattgcca 720
catcaaattg cctctgcaac agggctaagc tggccatata tccccatgga ataacttgat 780
gtccatggat cagaccaatt ttgaactgtc caacagtcac aactttctgt tctggataat 840
tcagattctc atcgaagtct cctctcacia tatgaacatc accagccaga gtcttgagat 900
agtcataact ctctttgggt caaagggttt ctgtgcagag aatgtgctga atttttcctg 960
gcaccaggag ttttttgaat ttagctggca aactgttgca ccggtgtggg atgtgcagat 1020
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caccaccgtc gccgcctct tcc 1103

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```

<210> 7765
<211> 1026
<212> DNA
<213> Homo sapiens

```

[illegible]

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ccagagggac	gacggcgtct	ttgtgcagga	ggtgacgcag	aactcccctg	cggcccgcac	360
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gtcgggtgag	gtgaccacgc	tgctgaacac	catggggcac	cacacggtgg	gcctgaagct	480
gcaccgcaag	ggggaccgct	tcttcccag	cctggggccag	acctgggacc	cgtgaagtct	540
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caaaaa						1026

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<220>
<221> misc_feature
<222> (1)...(5419)
<223> n = a,t,c or g
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<400> 7766

6389

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atagttcagt	acatttttgt	tataaaattc	attttacagga	ggttattcac	atgtacttgt	360
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ccatgaatca	agcagatttt	ggcaactgat	ggtgagtgtt	tcaccatagc	atatgcagtt	5100
tctattgctt	tcttttgatc	ttcattgaaa	tctcttaagt	acgcaataat	tctctcagat	5160
gttgtagtca	gtaaatcttt	tgtacagaag	tccatagggt	ttggattcag	aacagctcta	5220
gccagttggg	tcggactacc	caacagagag	atggctttca	acttcctttg	tgtagtacc	5280
agagaactga	ttacaataca	attcacaagt	tcgttttaaat	tggccggaaa	gttctcttga	5340
gtctggatgg	aaaggttaaca	ctcagttttg	gaattccacc	gcacttannn	anggnctaca	5400
atanagggct	cgatggcg					5418

<210> 7767

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (928)...(306)

<223> similar to gi2660676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7767

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gggtcttggt	taaggttttc	tcccaattgg	cctaggggccc	cagcccaactt	ccctcactgg	180
cctcaaagcc	ctggagttag	gccctctagg	cagtcaaggg	caggcaggag	atgggccaga	240
gaggggagga	tgtgttcttt	aggtacagaa	tccctgacca	cgggggtccag	tgctgtggg	300
ccaaccacca	ggaagctgtg	catgcccaca	gcccagggcc	cctggtaatc	gcagaggtaa	360

ttatcccaaa	catgggctgc	cactactggt	tccatatgag	caagccgcaa	ggcctcctgg	420
aaaatgcggg	ggtccggctt	gggccagcca	gcagcctcgg	aggtcagcac	aaagtcgaag	480
tggtcacgca	ggccaaggcc	ccccaggatg	ccctctagcc	gtcgggtcaaa	gttggagatc	540
actgccagtc	tcagaccccc	tgtgcggcac	tccctcaggg	tgtcctcagc	cccatccaac	600
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gcctgagcat	cctggacacc	cgccagggtg	aagggtctgca	ggaccacatc	cagccaccac	720
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tatgcctgcc	tgaagccttg	ttccagggtc	gagggtcca	cctccagccc	atggggcccgg	840
gccttggtgg	cataggcctc	ccctaagggg	tggcgagacc	tgagcagcgt	gtccttcaca	900
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gttctgcctc	aggtcccacg	gtgggtccca	ggggaagctg	agctggataa	gaccacctct	1020
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tggggcggtg	gtcctagggg	ccttggtccg	ggccgacccc	ttgggtcccc	ttctcagctg	1380
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gcatattgaa	accgca					1456

<210> 7768
 <211> 1649
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1434)...(682)
 <223> similar to gi4929663 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7768	
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taatatatat	120
taatctaagt	180
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cagaacacaa	300
cccccccttt	360
ttcaccacaa	420
agagtagcaa	480
tagacccag	540
gccttgctgt	600
ttggcagacc	660
ggtgaagaga	720
ttgagtactt	780
cggaagcagc	840
tctatgacct	900
aggatgaacc	960
atcacttcca	1020
ttcatggctc	1080

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ttgtctgccca caatagttgc aatgtcccta aacatctgct ccagttgtgt gtgtctttct 1140
ttatctgata cttgaacttc tccttttagtc aaaatctgct tacagatttc agtttggtca 1200
tctgttccaa acgcaactgat gagatcttcc tttttggcaa cctgaccttt agaaacattt 1260
acaaacactg agtgggtctg cagaacttca tcgaggtctt tttccacgcc gctccgccag 1320
ccgacgacct tgtttttgta gcaggcgatt tcgaagcgct tcccggcacg cttcatccgt 1380
accacggcca cattgggttag gcggatctgg ttggtggggg tgaagatcga catcgcggt 1440
gttcaaagac ccagaagccg gcgaaccagg gctgaccgc gccgtccagc ctgaaggcca 1500
ccagcgcttc gcggtaacga ccgatcggcg cgcggcactg acccaaccac cagtgcgcgg 1560
cgccgcgact cactagcttc aggcagccgt cacagtgtgt ctggcagggt tacttactgc 1620
gcaggcgctca ggtggagcaa aagacgaaa 1649

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<210> 7769

<211> 2017

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1865)...(829)

<223> similar to gill118113 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7769

```

gttttccccck ggtacctagc aattaatgta ctgycaagtt tgaattcaaa cctgaatgat 60
cctggttgga ataattcata gtwcagtact tcaattgttt aggattacta aactaaagrc 120
catccacttc tttttctat gtttcctatc actgaagttc tttatattta ataactacta 180
tggtagacta attatctcta gtggaatcta aatcccaaaa tattactttg tctttatcaa 240
tttaataact ggatacataa atgcaaattt attttatata ttagtaaaca ctttttcatt 300
taaaaaacag catttttggg ggcaagtgc tgtttctgta ataaagagaa agtatgtttt 360
cacatacaat cttgaatttc atcatgtttt gtatgctacc tgctgtgaca tgcactttac 420
catgacacta aatgccttag tacacacacg aatgaccact gtcaggaatc ttgagatttt 480
gacatttttt ggcgtttatt taaaaataaa attattttct ctagagcatg aaggaaaaat 540
ttaaagatg ttctgtctgt ctagtctctg aaaaagttaa aaaatgagaa atggcggcac 600
cattttataa tcctgtgttt ttcaaggagt ggaggggtcaa attgttaaga aaaatattta 660
cataagctat tagcaatcat aattagagtg tcatagaatt ctgcatgcag cgactaagga 720
ggaatcccta gaagtccagg tgcttcttgc ctccggccat catgccacag cctgggcccc 780
gccgcttggc ggattctgcc agatccattt tgcttgagcg gctcactgtg tctgacaagt 840
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gtaataactg gtaacgcca gctattttca tcttaatat agattctgg gttttatgat 1560
tgtatacatc ttcataaat tcctttttac atttatcatc aagtaatgg gctggaagtt 1620

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cctgtaaaat	gttggcagga	tcctcttttag	cagatgcaac	caacaaagta	tgcccattga	1680
caattccttc	tgccaggaaa	tacttgaaga	gcaaaggtga	gtaaatatta	tatttatcct	1740
cctcaattag	aagaactgtt	ccaacggcta	aacctccacc	taagagctgg	tctagggctg	1800
ggagcccggg	tgataccagc	agctgtccat	tccgcaccga	cggtcgcgtg	cccgcaatgg	1860
acaccagtcg	agggccgctg	tcgttggtca	cgctggctct	aggaccctc	ctctggaaac	1920
tggtgacgtt	gctcttgcgt	gctgtcgcca	ctgcagaccc	agtactcgcg	gcaacactac	1980
cgcaggttgc	cactgccgcc	atcttagagc	ctccagt			2017

<210> 7770

<211> 1418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1389)...(754)

<223> similar to gi2429446 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7770

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cctcaccatc	cccgggactc	atagctcagt	gccaccccc	gacaccatgc	cctccagggg	180
gaggggacag	cgaaggggag	aggagggaga	gccctgcgcc	tgccctgtc	ctgagtccaa	240
agattcccat	ggtgatcaga	gggcggtgtt	gggaatgtgg	gacacccttg	gccccgcctc	300
cctgacctcc	ccactacccc	accaaaccag	ccttcccttc	tcctggcact	tccagtgtcc	360
attcccggca	gtgcaaagt	gttaggtggg	gtaggggtg	ggatagggag	ataaatagca	420
gcctggcggt	ggcactggct	ggtgctctgt	ggtgggtatg	agtaggggac	ggggccgcct	480
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aacacggaga	tcttgtcctt	gagctgctgg	cagagctgca	gggagacggt	gaagtagacc	600
agggcgctcg	tgagccaggg	gatcacgcac	tccactttgt	gcacgtggct	cacctccagg	660
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gtcttgaaact	ggtagctctg	gtcccggctg	gtaagcaggt	aaatggcttg	gctcacatgg	1020
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agcagctggt	tgttccgggg	catcttcagg	ttcacatccg	cctggctgag	ggcatcccc	1140
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tgcttggcgg	gcccctcagt	gccggagccc	ggcagagtga	agcgcagaga	ggcctccttg	1260
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tcctcctcca	gcaccgcccc	ctccgcccgc	gtcgtgcca	tcacggtggc	catggccgca	1380
ggccgcccgc	gagcgccctc	cccaccggcc	gctgctcc			1418

<210> 7771

<211> 1825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1826)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1671)...(494)
 <223> similar to gil93871 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7771

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ttaaacaatt	tcattgtaca	gtacttgaca	atacatttca	acaaactgaa	aggcaaacca	120
gtaaatacagt	tttgcttact	ttctaagctt	aataatgtac	agactccttg	tcttcaagaa	180
gatgcaaaaa	tcagcaacag	tacaagtga	atattttaa	aggaaatctg	aaacaaaacg	240
ggattcaatc	tgatcaaata	ccacaattaa	ttgaagtttt	cattttattc	aattgtgaat	300
aaaatagcag	acactgtttc	atccaataag	ccaatgatat	cagcttagga	gaaattgatc	360
tgctgggct	tgtgcaagac	aagaacagtt	accttctgct	gaaaggatgt	gagttttcca	420
aatttggttt	tcattgtcata	gtttccaaat	aaatgaaccg	ctccaccaa	aacgacagtc	480
tagttgctac	ctatcttcca	gggtttcatc	atacagccat	ttataagcac	aatccttgga	540
acgctctata	gtttcaaaaa	gtgttttgaa	gtcttgagg	tgcatgttaa	ctactttctc	600
atcctcctgt	tttctatttt	gcatcaatat	atctctcgca	tcaagtggag	tcaatgaacg	660
taagtggctc	attacagtgg	cgctgcgcct	cccaaaacag	tgctttaaca	agtgaaaaaa	720
tatattatag	ttcataggtg	ttaagttctt	ggtaaataaa	tttgacgag	gaatcatttg	780
aataagatac	agcttttggt	gtaattggtc	taataattcc	ctacgctttg	ggttttccag	840
cggccctttc	cgggtgtata	tatcaaata	tgaccaaggc	tccatgtgca	gaaccttaat	900
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tgccattagt	ttctggaatt	ctttttcacc	aataaacata	tttacttcta	ttcgtccaaa	1020
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acctctactt	gggaacattc	caactacttt	taaagggatg	tctgctgtcc	aaggaaactgc	1140
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accacttcta	ggatctagtt	taaagaagtc	acagtgaatc	actcgtagtt	ttccatccag	1260
attttttcct	aaggactcca	aatgtggaat	aaaagttttg	tcactttcga	gcgcaaccac	1320
tttggcacca	gcttcaagta	atgcctgagt	caggattcca	ggacctggat	tgactccag	1380
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tctccgatcg	gttacgtaac	gcttaaagtc	taagctggcc	ttagacgcct	tccttggcgg	1500
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cctcgccggc	aaatgctttc	gcgtcgccgc	ttcagaccct	aaaatgcaaa	agcgaccagc	1620
gcccgccaa	gcggagagcc	tcagccgcgc	aggaagcccg	accactggga	tccacatgtc	1680
cttgtctctc	aggcccgcctc	caagaatcac	ctagtgcagc	tactacagtg	aacccacgc	1740
agggatatcc	acgtggaaca	ttttctggcg	tcccggacgc	gtgggtcnac	cgngnattcg	1800
aggcgatcga	cggcttcagc	ccct				1825

<210> 7772
 <211> 3293

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (2808)...(1612)
 <223> similar to gi929660 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7772

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aagataatgg	aaaacagaaa	ccagttagta	aagccatgca	aataggaagt	gattttcagc	180
ccaagagga	ctttgtatca	tctatggctc	catttaaacc	caagtagcat	ctgtcctggt	240
ggattttgaa	catccttttg	atttaacaca	gaagaagggt	tggtctaccc	tttaaaagca	300
tatcctcttt	tttcccccaa	cagactcctc	aacaagtggc	ttctaagaca	agactgggggt	360
tgttttctta	ctgaaaatcc	tgtgtttatc	cagtcttttc	cttttcaatt	tctgagttta	420
gcttacctaa	cagcaaaaaca	gaatcctcaa	atttctcaca	gagcaatgaa	aagcaaaaaca	480
gttggtttct	ctgatcaaca	tcattttcag	tatgaaaaca	aaagttatga	ctcctagacc	540
tttgaaatat	ttacaaattg	tacttttaac	aacggagatt	tttcagtgtg	cttctaaaac	600
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aatatTTTTga	aatcagggtat	ccttaactac	tgatttctctt	ttagaaacta	tcttgagtgt	960
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caaccagctg	gcacaacaat	gaaagtgtca	gactttctga	aagtactcga	gaaataatga	1140
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taaaattaca	gtacatcatc	gtcctagaaa	aattcaccat	acaagacgat	cctttcaaag	1380
gttcataaat	aaaagtcttc	ttgactcgaa	atcgtttcct	gcatcgtgat	gaaaagtatg	1440
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tgccgcgtgg	atttgaccgc	caggatggcc	tgacgattct	tgtactgcac	catctgcagc	1980
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gccatcacca	cagtgaagta	catgtacttg	cccttgcgct	ccacacagtc	cacggtcttc	2100
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gctttgtcac agcctgaaat tgccctgact gttccagtcc atgtcctcct gagttctgct 1440
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cctaactgca tccaagaagg ctgctcctaa tcaccagggtc agtcacctga gaaaatgatc 1860
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<210> 7774

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (148)...(455)

<223> similar to gil049295 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7774

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tcaaaccctg gctccagtgt catggaatcc gtcacctttg aggatgtggc cgtggagttc 180
atccaggagt gggcatttgc ggacagcgca cggaggagcc tgtgcaaata caggatgctt 240
gaccagtgca ggacctggc ctccaggggga actccaccat gcaaaccagc ttgtgtctcc 300
cagctggggc aaagagcaga gccaaaggca acagaacgag ggattctccg tgccacaggt 360
gttgccctgg aatctcaact taaaccgaa gagttgcctt ctatgcagga tcttttggaa 420
gaagcatcct ccagggacat gcaaattggg ccggggctgt tcctgaggat gcagctggtg 480
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ataccagtgc ctacactggg ccaccgcaac ccatgggtgg ccagggattc tggtagtgta 660
gtgctgcgtg gaacacgtgg ccagagggcc ctgctgtcct tgtgttctgt ccaggaactt 720
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aatggcctgt gttttaactg tgtttttata aatgaggttc agggcgggtg cagtggctca 1020
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<210> 7775

<211> 2745
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (51)...(1236)
 <223> similar to gi577315 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7775

gtcgacgatt	tgggtgtgct	ccctcccgcc	gccgcctctt	cctcggtgag	gcgctcttcc	60
agcgggcagg	cagcatggcg	gccgtggaga	cgcgggtgtg	cgagacagac	ggctgcagca	120
gtgaggccaa	gctccagtgt	cccacttgca	tcaagctggg	catccagggc	tcgtacttct	180
gctcgcagga	atgtttttaa	ggaagttggg	ctactcacia	gttactacat	aagaaagcaa	240
aagatgaaaa	ggcgaagcga	gaagtgtctt	cctggactgt	ggaaggtgat	attaatactg	300
acccatgggc	aggttatcga	tatactggta	aactcagacc	acattatcca	ctgatgccaa	360
caaggccagt	gccaagttat	attcaaagac	cagattatgc	tgatcatccc	ttaggaatgt	420
ctgaatctga	acaggctctt	aaaggtactt	ctcagattaa	attactctca	tctgaagata	480
tagaagggat	gcgacttgta	tgtaggcttg	ctagagaagt	tttggatggt	gctgccggca	540
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caagaaattg	ctacccttct	cccctgaatt	attataattt	cccaaagtct	tgttgtacct	660
cagtgaatga	agtcatttgc	catggaatac	cagacagaag	gcccttacia	gaaggtgaca	720
ttgttaatgt	ggatatcact	ctttatcgca	atggttatca	tggggacctg	aatgagacat	780
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tccagaagca	tgcccaagca	aatgggtttt	cagttgttcg	aagctattgt	gggcatggaa	960
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gagtgatgaa	gtcggggccat	gtattttacia	ttgagccaat	gatttgtgaa	ggcggatggc	1080
aggatgaaac	ctggccagat	ggttggactg	cggtgacaag	agacggaaag	cggctctgctc	1140
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ttaaattata	tatatggaaa	tatatatgta	tacattttaa	gttctgtata	cataattacc	1680
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ccatgcta	tattttacccc	ttgtaaattg	tggcataggg	aagcactcac	ccaatgagac	1860
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tgctcttcgt	gtgtggaaac	acacctctcc	tttacatagt	tgggaacctc	attagaaatg	2340
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aagtgaagac	atatcaaata	acaaagtcac	tgtcattaga	gtgtacttga	ttacctgggc	2460
atccttgtaa	tataatttca	taccactgac	acattatact	tgtaagagaa	catctttccc	2520
agagtgcctc	agaccttatt	gcttttaaat	ataataatgt	tttcattact	tttattattt	2580

gaatgattta	gtaaagttga	ctgaatctgg	tatagacttt	gggagtatgt	gtgtgaagtt	2640
tttatcaaac	tgtaatat	gtgaatggaa	tgccctgcaa	tatgaatggt	aatataatgt	2700
gtaaagggag	attaaaaagt	ttgaatgatt	atcctaaaaa	aaaaa		2745

<210> 7776
 <211> 2222
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1997)...(1560)
 <223> similar to gi2959370 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7776						
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tgcagtgggtg	tgatctcagc	ttactgcaac	ctctgtctcc	cgggttcaag	caattctccc	180
atctcagcct	cctgagtagc	tgaggattaca	ggcacacacc	accacacctg	gcccagctaa	240
ttcttttttg	tatttttagt	agagacgggg	tttcaccatg	ttgcccaggc	tggtctcgaa	300
ctcctgagct	caggtgatcc	acccgtcttg	gcctcccaaa	gtgctggatt	acaggcataa	360
gccactgtgc	cgggcctgaa	tcttgtcttt	tgacaatacc	aaagaaatag	ggggtagcta	420
gagtaaagaa	cctagggcct	ggacctgggc	tgacacagtgt	atcccttttag	gtgtgggaac	480
tggttatctc	cctggggctc	gtatgccttt	gtcttgtcat	ttgcttttag	ggcagatgac	540
actttttccc	acccttttaa	agctacaagt	ctatcttctt	tcttgaccca	tttcaggagg	600
gagccctctc	ctttatcctg	atataatatt	taaaagacag	aacaagaaag	catgtagccc	660
taatgatagg	agattatcgc	atagagttca	gagactggaa	actgaatttt	ccctcgactt	720
tcactttgtg	ggtaaatac	ccaatttttag	gctcttttct	gcaaggatgg	ccaaaattaa	780
tcatttttaa	aaagtagatt	catgcccact	gcccttgggt	gagggggaag	aatacggggg	840
ttcccagaag	cccccatgtg	atccaagggt	ttgtattttt	tttttaagtt	tgttcatatt	900
tgatatgtaca	tgactattta	aagccagggg	attatctttc	tataaatgta	taactggcaa	960
cctgtatctt	ccctctttgt	tgcccatata	gccggagccc	tttttctcat	ttgagaatct	1020
cttccctact	aagtgttaag	cttagagtga	agggcacctc	ctactggacc	aaaggagagg	1080
ggattggaga	attgttttaa	gttttatata	ttaaggacag	aattccatct	tcccaccccc	1140
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attattgtaa	gaaaaatata	cagcaaaaca	gagctggaag	gtggtaagtg	taaaagatat	1260
ggaaagatgt	aatcaccaaa	gaagctgccc	aaatggcctc	ctgctatgga	ggagagtgat	1320
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tctgtttcag	tgccctcccc	atgcccatgg	agctgtccca	aaacccatcc	ctcagtattt	1560
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gggtgtccct	ttcacctgat	gaaggaagac	atacgtagcc	aggttatgga	tgacgttggg	1860
caggtgccag	acaacaggaa	tgctgaagaa	gggatgctg	agtagaacca	tatgcagcaa	1920
tcctaccaag	atgatgtagg	ccagccagat	gcctcggcta	ttcatcactc	gggtgttggg	1980
gtttacttcg	ctgtgtgcca	ccccacatt	catcctgcca	gctcagatcc	ccgtccggct	2040

atggg'gcg'cg'g'cgcc'gg'ctac'cacac'ctgaa'gtct'ccagga'agta'acgcct'ctc'ctt'ctgc'	2100
ccctt'tt'ccta'ttgg'agga'ac'agaat'cagcg'ctgcc'accac'ccatt'gg'ttg'gtgt'ctgta'	2160
atgc'agaagc'acagt'tgg'tt'gccatt'tt'ctg'tcgt'ttcg'caa'gata'cagtgc'ccg'cccc'tct'	2220
cc	2222

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<210> 7777
<211> 1584
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (249)...(969)
<223> similar to gi5815233 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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0040373E-04100

<400> 7777	
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ggc'agg'ctgc'agtgc'acatt'gggt'cagg'ga'cac'gcg'aggg'gcag'cccc'cg'agg'gccgt'cc'	180
cagag'tcccc'cgcg'cgcg'cg'gggt'ccta'ac'ggggt'gcacc'gtct'ttcg'cc'gcac'gtggat'	240
tcag'cgcg'at'gcccc'aat'cc'aagc'gcg'aca'agaa'agt'ctc'ctta'accaa'actgc'caaga'	300
aagg'ctt'gga'attg'aa'caa'aacct'gat'ag'aagag'ctt'cg'gaaat'gtgt'g'gacac'ctaca'	360
agtac'ctttt'cat'ctt'ctct'gtgg'cca'aca'tgag'gaac'ag'caag'ctga'ag'gacat'ccgga'	420
acgc'ctg'gaa'gcac'ag'ccgg'atgt'tct'ttg'gcaaaa'caa'ggtgat'gat'g'gtgc'ctt'gg'	480
gtc'ggag'ccc'atct'gat'gaa'tacaa'agaca'acct'gcacca'ggtc'ag'caa'agg'ttgag'gg'	540
gtg'agg'tgg'gtct'cct'gttc'acca'acc'gca'caa'agg'agga'ggtga'atgag'tggt'tcac'ga'	600
aata'cac'aga'aatgg'act'ac'gcccg'ag'ctg'gtaaca'aa'agc'agct'tt'cact'gtgag'cctgg'	660
atcc'agg'gcc'cctgg'ag'cag'ttcccc'cact'ccat'ggag'cc'acag'ctc'agg'cagct'ggg'cc'	720
tgccc'ac'cgc'cctca'ag'aga'ggtgt'gtgt'ga'ctct'gct'gtc'tgact'ac'gag'gtgt'gca'agg'	780
aggg'cgat'gt'gctg'acccc'agag'cagg'ctc'gcgt'cct'gaa'gcttt'tt'ggg'tatg'agat'gg'	840
ctga'att'caa'ggtg'ac'catc'aaata'cat'gt'gggatt'caca'gtc'ggga'agg'ttcc'ag'caga'	900
tggg'agac'ga'cttg'ccag'ag'agcg'cat'ctg'agtcc'acaga'agagt'cagac'tcaga'agat'g'	960
atgact'gaaa'gggact'cggg'actga'agg'tc'tcct'gga'agc'ttct'gggt'ct'cact'gg'acca'	1020
tcagg'actgc'tgcc'gccc'ct'ctgg'agag'ag'cagct'tttta'tttgt'ctg'ta'gacag'ggaac'	1080
atgat'ggg'ca'ctgac'ctc'ct'gtaa'agaata'aaact'gtggg'ccggg'cg'cggtgg'ctcac'gc'	1140
ctggaat'ccc'agcact'tt'gg'gagg'ccg'agg'tgggc'agatc'ataagg'tcag'gagatta'aga'	1200
ccat'cct'ggc'taac'ac'ggtg'aaacccc'g'tc'tact'aaaa'atagaaaaaaa'aaactag'ttg'	1260
ggcatag'tgg'catgt'gc'ctg'tagt'ccc'agc'tactc'aggag'gctg'agg'cag'gagaat'cact'	1320
tgaacccc'ggg'agg'tgg'agg'tgcc'gtg'agt'tgagatt'gga'ccact'gct'ct'ccagc'ctggg'	1380
caac'agag'ta'aaact'ct'gtc'ccaaaaaaa'aaaaa'ataca'acct'tgc'agg'atgt'ct'ctcc'	1440
tggagac'agc'aagag'ggga'ag'aggag'gggaga'ggg'ctct'ttc'ttagaaa'aga'ggc'ctt'tgg't'	1500
gagccc'agaa'gttt'gaa'acc'agcct'ggg'ca'attcag'caag'atccc'gt'ctc'tacaaaaaat'	1560
aaaaaaaaat'tagtc'gtgg'tgcc'	1584

<210> 7778

<211> 1072
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1006)...(96)
 <223> similar to gi825689 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7778

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aagtacatct	gcagggactt	ctggatggag	tctttggaga	tgaagctgac	gaagttctgc	180
acgtccgcat	cgcgctgcgt	gaccaggcgg	ctggccgtgg	cctttcgcgt	catggccttg	240
gtcagctgtc	gagcatggtc	tggaaatggc	atccactggg	ctatcgctga	cagcgcagtg	300
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cacatctccg	tcagggtccag	gccggccgag	aagacaccgc	ggcggtccga	ggtcagaatg	720
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ccggccgccc	gctccgctcc	cccgaggggc	gcgcccggga	gccgggcccc	cgcccgagac	960
agaacgcgcg	ccgggactcg	cacagaagcc	accagcgcca	tcttgaccgc	aacgcgcggg	1020
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<210> 7779
 <211> 1878
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (109)...(1108)
 <223> similar to gi4895164 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7779

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atccctagat	ttattaagga	atcactaaaa	caaattcttg	aggagagtga	ctctaggcag	180
atcttttact	tcttggtgct	gaatctgctt	tttacctttg	tggaattatt	ctatggcgtg	240
ctgaccaata	gtctgggcct	gatctcggat	ggattccaca	tgctttttga	ctgctctgct	300

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ttagtcatgg gactttttgc tgcctgatg agtaggtgga aagccactcg gattttctcc 360
tatgggtacg gccgaataga aattctgtct ggatttatta atggactttt tctaatagta 420
atagcgtttt ttgtgtttat ggagtcagt gctagattga ttgatcctcc agaattagac 480
actcacatgt taacaccagt ctgagttgga gggctgatag taaaccttat tggatatctgt 540
gccttttagcc atgcccatag ccatgcccac ggagcttctc aaggaagctg tcactcatct 600
gatcacagcc attcacatca tatgcatgga cacagtgacc atgggcatgg tcacagccac 660
ggatctgcgg gtggaggcat gaatgctaac atgaggggtg tatttctaca tgttttggca 720
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gtaaacaaatt taacaattca agtggaaaag gaggcatact ttcaacatat gtctggccta 1140
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aaagatggta cttacatcat gtgagataac tcaagaatta cccctggaga ataaacaatg 1260
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tacagaaaca gagttcccta ctactggatc aaggaatctt tcttgaagga aatttaaata 1380
cagaatgaaa cattaatggt aaaagtggag taattattta aattatgtgt ataaaaggaa 1440
tcaaattttg agtaaacadg atgtattaca tcatcttoga aaatagatat gatggattct 1500
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gtattttacat gttttattaca aagacccaaa tgaaaaattt ttagtccatt ttttgcatag 1620
cctaaagata aaataggaat aaaaagttct atatttatgg attttctgta tataaaactg 1680
gttttctaatt ataacttaag tccattaaag aaaatctgta ttgccccttt aaatgtaaac 1740
taaattatatt gggagaaact tcaacccctg atatgagata agcaatgaga atagggaagt 1800
gtataacatc ccagtttttg atgtattaca aaaatcacc cctctataaa atgaattttt 1860
tttacattat ggtaaaaa 1878

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<210> 7780
<211> 2819
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (126)...(716)
<223> similar to gi5730476 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gtctcatgaa gccgctggtc gtgttcgtcc tcggcgggcc cggcgccggc aaggggaccc 180
agtgcgccc catcgctcag aaatatggct acacacacct ttctgcagga gagctgcttc 240
gtgatgaaag gaagaacca gattcacagt atggtgaact tattgaaaag tacattaaag 300
aaggaaagat tgtaccagtt gagataacca tcagtttatt aaagagggaa atggatcaga 360
caatggctgc caatgctcag aagaataaat tcttgattga tgggtttcca agaaatcaag 420
acaaccttca aggatggaac aagaccatgg atgggaaggc agatgtatct ttcgttctct 480
tttttgactg taataatgag atttgtattg aacgatgtct tgagagggga aagagtatgt 540
taggagtgta tgacaacaga gagagcttgg aaaagagaat tcagacctac cttcagtcaa 600

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caaagccaat	tattgactta	tatgaagaaa	tggggaaagt	caagaaaata	gatgcttcta	660
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aaacctgaaa	gcatccttga	aatcatgctt	gaatattgct	ttgatagctg	ctatcatgac	780
cccttttttaa	ggcaattcta	atctttcata	actacatctc	aattagtggc	tggaaagtac	840
atggtaaaac	aaagtaaatt	tttttatggt	cttttttttg	gtcacaggag	tagacagtga	900
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cctctttttt	ttgcaagttt	taaattttcca	accttaagt	aatttgtgga	ccaaattttca	1140
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ttataaatgt	ttgattccct	tccttgctat	ttttattcag	tagatttttg	tttggcatca	1800
tgttgaagca	ccgaaagata	aatgattttt	aaaaggctat	agagtccaaa	ggaatattct	1860
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gatgagacta	ggtgctttgc	ttcctttcat	caggatctct	tctgtggcat	ttgagaacag	2520
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agaaaaacat	gttggcaaca	ttgagttttg	gagttgattg	agataatatg	acttaactag	2640
ttttgtcatt	ccatttggtta	aagatacagt	caccaagaat	gttttgagtt	ttttgaaaga	2700
ccccaattta	agccttgctt	attttttaaat	tatttccatt	cagtgatgtt	ggatgtatat	2760
caattattta	gtaaataatc	tcaataaatt	ttgtgctgtg	gcctttgcta	aaaaaaaaa	2819

<210> 7781

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (344)...(122)

<223> similar to gil825645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7781

tttttttttt	ttcaacatct	aagtctttat	taaggtgagt	ttttacaaac	aagcatctat	60
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tattgataat	aaagctccag	gttcatccca	tctgtgattt	catagtcccc	cagagacacg	180
tggtccttaa	aaatcgtgta	ccacttcttc	aggacaatct	tgttccaacg	ggtaccagtt	240
tgggctgcaa	tcagcttctt	aagggtccccg	atggtatcat	ccgtgttgca	tttaacgcgg	300
accttcttcc	ccagacgggc	gttgcaaaca	acctcgatca	tcctagctgg	agctcgaatc	360
gcctcgaacc	tgccgacgcc	accagctcct	cacccgagcg	ctgaacccccg	gtcgcagtta	420
acgctaggaa	ccctcgtgcc	gaattcttgg	cctcgaggg			459

<210> 7782

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (503)...(1307)

<223> similar to gil495421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7782

ggcacgaggg	ctgaactgct	gagtctgaca	cttaacagga	cttcggcatt	cccctgaata	60
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cccttatttg	gtgtgcat	ctggctat	cacagagatt	tcagttttgc	aaagaagtcg	180
gagttgattt	cttccctcag	acaagctatt	ggttgttgg	gggcaacaga	agttgctcag	240
catagacagg	ggaaaaaacg	gttacggatg	agactgaaag	aaaacctcaa	aggagaactc	300
tgagaattca	tctcaggatg	aagctgcaag	ggcaaaggag	aagtacttgt	gacacaagca	360
aatgggtcca	ttgatcaaca	gatgcaagaa	gattcttctc	ccaactactg	tacctctgc	420
aacgatgaga	atctggctcc	ttggaggcct	gctgccattc	ctgctgctcc	tctctggcct	480
gcagagaccc	acagagggtt	ctgaggttgc	aattaaaatc	gacttcgact	tcgcaccagg	540
ttcttttgat	gatcagtacc	aaggctgtag	caaacagggt	atggagaaac	taactcaagg	600
ggattatttc	acaaaagaca	tagaagccca	gaagaattat	tttaggatgt	ggcaaaaagc	660
ccacttagcc	tggcttaacc	aaggaaaagt	tctaccccag	aacatgacta	ccacacacgc	720
tgtggctatt	ttgttttata	cattgaacag	caatgttcat	tctgacttta	ctagagccat	780
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caccattcga	tttgccaat	tcctttccac	atccctcctg	aaagaagagg	cacaggagtt	1020
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tcagctgcta	aaagcttcca	gcaagaaatg	catccctgat	cctatagcta	ttgcatctct	1260
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tcctttttatt	taaaaaaaat	atttaaataa	aatctttttt	attggccttt	tggctagaaa	1380
tggacattta	ttttccagga	aggatgatcc	catcatactt	ctgctgaaac	cagcgcatgg	1440
ccccctcttt	gctaattatc	ttatgccttt	ccttggacg			1479

<210> 7783
 <211> 1294
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (258)...(1156)
 <223> similar to gi205595 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7783
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 aagaggcaca ttgacccaat ttggagacgt attttgggaag gaggtgtgaa aaagacagca 120
 tgaactttac cccaacacac acccctgtct gcagaaagcg aacagttgtc tccaaacgtg 180
 gtgttgccgt cagtgggtccc accaagagga ggggaatggc agattcactg gagtcaaccc 240
 ccttgcccttc ccccggaagat cgtctggcca aactccatcc ttctaaggag ctccctggaat 300
 attatcaaaa gaagatggct gagtgtgagg cagaaaatga ggacttgctg aagaaactgg 360
 aactctacaa agaagcttgt gaaggacagc ataaacttga atgtgatttg cagcagaggg 420
 aggaagagat tgctgaattg cagaaagctc taagtgatat gcaggctctg ctcttccagg 480
 aacgggaaca tgttttacgc ctctactcag aaaatgaccg actgagaatc agggagctag 540
 aagacaagaa aaagattcag aatctcttgg ctcttgtggg aacagatgct ggagaagtga 600
 cctatttttg taaggagcct cctcacaaaag tcaccattct ccaaaagact atccaggctg 660
 taggtgaatg tgagcagagt gaatcttcag ctttcaaagc agatcctaaa ataagcaaaa 720
 gaagaccatc gagagagaga aaagaaagt tctgagcatta ccaaagagac atacagacac 780
 tcatcctaca ggtggaagca ctgcaggctc agctgggaga gcagacccaaa ctttctcgag 840
 aacaaattga agggctcatc gaggacagac ggattcacct tgaggaaata caagttcagc 900
 accagagaaa tcagaacaaa atcaaagagc taacccaaaa tcttcaccac acccaagaac 960
 tgctctatga gagcacccaa gattttctgc aactcagatc tgaaaaccaa aataaagaga 1020
 agtcatggat gcttgaaaaa gataatttga tgtcaaagat taagcaatat aggggtgcagt 1080
 gtaagaagaa agaagataaa attggaaaag tgttgcccgt tatgcatgag agtcaccatg 1140
 ctcaaagtga atatattaag gtaatgtcct tatgtcgtaa cgaagttgtt tatttttctg 1200
 ggagagttga aggaattcca aagaacctac aatttgtaat gtaagatcca ttcagtccag 1260
 gaagctctgg tagcagctgc ctcaagaact aggt 1294

<210> 7784
 <211> 1150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1151)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (148)...(569)
 <223> similar to gi4929751 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7784

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gctgtttccc	ggcttcattt	ctcccgaact	agcttcccac	cctgggcttt	ccgagggtgct	120
ttcgccgctg	tccccaccac	tgcagccatg	atctccttaa	cggacacgca	gaaaattgga	180
atgggattaa	caggatttgg	agtgtttttc	ctgttctttg	gaatgattct	cttttttgac	240
aaagcactac	tggctattgg	aaatgtttta	ttttagaccg	gcttggcttt	tgtaattggt	300
ttagaaagaa	cattcagatt	cttcttccaa	aaacataaaa	tgaaagctac	agggtttttt	360
ctgggtggtg	tatttgtagt	ccttattggt	tggcctttga	taggcatgat	cttcgaaatt	420
tatggatttt	ttctcttgtt	caggggcttc	tttctgtctg	ttgttgggcn	tttattagga	480
aggagtgcc	agtccttggg	atccctccta	aatttacctg	gaattagatc	at ttgtagat	540
aaagttggag	aaagcaacaa	tatggtataa	caacaagtga	aatttggaag	actcatttaa	600
aattattgtg	tatttataaa	gtcatttgaa	gaatattcag	cacaaaatta	aattacatga	660
aattagcctt	gtaatgttct	ttacaggagt	ttaaaacgta	tagcctacaa	agtaccagca	720
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gtttcttttc	tttttatatt	gaaggctcag	gagcatccat	aggcatttgc	tttttagaag	960
tgtccactgc	aatggcaaaa	atatttccag	ttgcatgtga	tctctggaag	tgatgcatga	1020
attcgattgg	attgtgtcat	tttaaagtat	taaaaccaag	gaacccccaa	ttttgatgta	1080
tggattactt	ttttttgtaa	acatggttaa	aataaaaact	ttgtggttct	tttgaatttt	1140
aaaaaaaaaa						1150

<210> 7785

<211> 1497

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1347)...(882)

<223> similar to gi5825596 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7785

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agcatcaggt	tattttaaag	aacacgcctg	tgggaccccg	ttcctggagg	aagacccgct	180
tcagtgtgat	tgctccctt	gcttcactgc	ttttagttcc	aggcagtttc	attgtacatc	240
caagccttcc	tctgcgtgag	agcaaaggct	ttgctcatca	gccagccagt	cttgttacta	300
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cactggcaag	ttagggcaac	accaagaagg	ctctgcgagg	agaactccctg	tgggttgggg	480
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caagtaaagt	gttaaaaacc	tcagtacaaa	agatcctctt	aacacatctg	ggaaccaa	600
tatttcttct	taaaaacaca	gtactaagtg	ttcacaagc	ttttccctcc	cattctacta	660

cttggaaaac	acttcatgcc	catggggccc	acagacccca	agagttcaag	ggtcagagag	720
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gaaacagaca	gaacgacagc	gttcaggaca	gtcagagcta	acccaagacg	aggctggact	900
tgccgccagg	gggatttctt	ctggatggca	ctggggccgg	ggccaccggg	ctgggcacag	960
gcgcagcagg	cacgggcttc	tcttcactct	gccccaggct	gcctggcaag	tctgtgtcca	1020
cattttcatg	aatatcacct	tctcccttca	gatctaagaa	gtctcgggag	cttgcttcag	1080
aggagttcct	tctctgcagt	ccagatgact	ccaagtcttc	cctgccacca	ctagacttgg	1140
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atccaccacc	tggaggcccg	aaaactcggg	agctattcct	gctgttgggg	tcgactccct	1320
tgaaggctgt	ggttgtggtc	atggcgccga	ggagcgaggt	aggctggcgc	cggagcagaa	1380
cgctcaaagg	gtcgggaaccg	aggggcgctg	ggaaactcca	caccaaacag	ccgaccaccg	1440
ctgctcgtgc	cgaattcctg	caggcggggtc	tatcgaggcg	ctcattgggg	ccccact	1497

<210> 7786

<212> DNA

 $\langle 220 \rangle$ $\langle 222 \rangle \quad (1) \dots (1745)$ $\langle 220 \rangle$
$$\langle 222 \rangle \quad (125\bar{8}) \dots (123)$$

<400> 7786

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ccgtgtcgaa acacgacctg caccattttc aacttcagca ggctgcggtc gaccggacac 1260
tggccatcgg cctcctgcag ctcggccagg gccaccgcc gctggtgcag gcagtacgcc 1320
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gggcgcgggg gctcagcggg cgcccccaag tccgcgggaa cctgcggatg cgtacatcca 1500
gcccttcagc aagcagggac cgctgtgcct cccggccctg agggagaccc cgagtgggaa 1560
cgggggagag aacaagaggt ggcagcagcg aagagtcctt gggagtttta acccgggtcg 1620
gggttggtcg ctctgtctgc acaccgggcc gggggagatc ggatccttat cttttgcccg 1680
acgaggaaca ttcattngna cccaagttg gcgcnattccn ccgcncctggn gtagtgtact 1740
cgaa 1744

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<210> 7787
<211> 2743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2419)...(1158)
<223> similar to gi49680 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7787
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tataattgat gttcttatag aaaactctgt aacagtcatt tcatTTaaat attatccgac 120
ctgaaagaaa ccatgaatca gggatcagac aaaaatacat gatcaacttt tacacatttc 180
agtaggtgaa ggaccagaaa gaatcttaga aatcactgag cttcatacct ggctgtacag 240
acaaggaagc tgggacccag agaggggtgca gagttccagg gtaagaggcc cgggtctctaa 300
ccttcagct cactgctctt ttctgtctata ccagggcacc gctgtgcagt catccaggct 360
gccggggact agcttccccg acatggcaac aaaaactaca gaactcgtct acatcttaaa 420
catggccaac cttgactctg ccaagatata aggttttagaa tgagttgcta acattcaatt 480
tacagaattg gatttgaact ggaagacaga ctttccttag cactggtatt tgggtggaagt 540
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aaaatgcac ctctaacact gaccaacata actaagtaca aatgaagtca atggtgtacc 840
ccattagcat gctgcgttgt atgtcaataa aacaagccct cccccacccc gagccctggc 900
ccctggcaaa acatagataa atgattgtgc actgcgtgat gataccatta ggtgagaact 960
ttggttcatg cagtcggctg ccgcagaggt tgcacccaaa acccgagca ccggcaccca 1020
aagtcagtca gcggtggtgg ctcatggtgt cagccgtgct ccttcacaa caccaggtga 1080
atactgtggt caggcatgct ggtggcaaa agccaagccg tgtcattgtg cccatccagt 1140
ccattcagcc aggatgcttc gcctgccagg aagcttgagc ctctctttga tttcctgtac 1200
tctggcagag gccagcgact aatcaggctc tctgtccgca agtccatgat gtacaggtag 1260
cggttgtcaa acagcagggc aaagatatct ccaaagccaa gcaaggccaa gtttgctatc 1320
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agtgtgaac tacagacaat gtatttgcca tcaaaatgaa gtcttggtg caggcagata 1440
cttctatcct cagagacaga caatgtcttt aagcacttac agttgatttc tctcccaatt 1500

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ggccaaatct taatctcata tttgtctgca cttaagagga ttagtctcc aggactgtgc 1560
aagagagact tgactttgca cttctgcaaa actaccttgg tgacccattc cgtgtgcccg 1620
gtgagtgtgt tcaggcatgt cccagcagat aaagcccata ctttcacagt gaagtctgca 1680
gagccgctca ccaagatata cagttcatca ttgtagtcca cgctaaatac cgcccccggtg 1740
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tgatgcatat aaacgcactg cctgtgtctc acatcccaca gctttgcaga caagtcatct 1920
gacctgttac agagaagtcc atctttgtag taaagtgcac acactctggc actgtgtcca 1980
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ttagagacga ggcagcatgt gagtaaagtc tgaggatcga gccattttta caaataaaaa 2220
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tggcgcagta tagcgctttg tacttcataa accacctcat cacacttcat cgtctttcaa 2520
acgtttggta gccctgggac atcactgtta actcatttcg cagctaagga aatggaggca 2580
gtaggaggca gtaactccaa aacctgttt tcccgctctc aaaatccaga tcccatcaac 2640
ccattcggtg ctcccaggtc ccttgctctc ggaatcgtgt tccgcgcggc actgacctga 2700
gcgagcgccc gggggcccggt acctcgcgcc gggttcacag cta 2743

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<210> 7788

<211> 1557

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (193)...(1558)

<223> similar to gi4590042 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7788

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ctgaaaagac actaagaaaa attttacgaa tgggatgaac atgctccagt taattgacta 60
cctactgcaa tttgaatggt aacattaccc catctggtac agttacctag tgatgtacct 120
attttcacaa taccctgttt cagtgtgctt gtcttgatta aagaattcaa agtggagtac 180
cgcaaacttg atatggaaaa taaaaagaaa gacaaggaca aatcagatga tagaatggca 240
cgacctagtg gtcgatcggg acacaacact cgaggaactg ggtctatata gtctggagtt 300
ttaatgggtg gacctaaact tagagttgga aaaaaaattg gatgtggcaa ttttgagaaa 360
ttacgattag ggaaaaatth atacacaaat gaatatgtgg caattaagtt ggagcccatg 420
aaatcaagag caccacagct acatttgga tacagattct ataagcagtt aggatctgga 480
gatggtatac ctcaagttta ctatttcggc ccttggtgta aatacaatgc tatggtgctg 540
gaactgctgg gacctagttt ggaagacttg tttgacttgt gtgacagaac attttctctt 600
aaaacagttc tcatgatagc tatacaactg atttctcgca tggaatatgt ccattcaaag 660
aacttgatat acagagatgt aaaacctgag aacttcttaa taggacgacc aagaaacaaa 720
accagcaag ttattcacat tatagatttt ggtttggcaa aggaatatat tgatccggag 780
acaaagaaac acataccata cagagaacac aagagcctta caggaacagc tagatatatg 840
agcataaaca cacatttagg aaaagaacaa agtagaagag acgatttaga agctttaggt 900
catatgttca tgtattttct gagaggcagt cttccttggc aaggcttaaa ggctgacaca 960

```


<210> 7790
 <211> 1066
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (915)...(209)
 <223> similar to gi3135314 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7790
 tttttttttt ttatcatttt aaaaatgtat tttattcaac ttggaaaatg agtacaaatc 60
 cctgggtggt ttttgtcagg gaggagtggg gaggtaggcag gaaagagaag agggtaggag 120
 gcaaggtaag gtatgagcat cacagtggct gcctcaagac cctgcccagg gagggtagggg 180
 tgggctgggg gttgagcacg gagctcagggt ccggaggaac accatggtga ggaggcccaa 240
 gacgtaggcg gccaccaact tttgtcccag ggagacgtgc aggacttgag gcagctggct 300
 gccgagttcg tccgggagtg ggagcagcag gaaggccaca gacacaatcc ccgtcagcaa 360
 gaagaggagg aaggagctgg tggccagttg ctggcggggg tgctcctgga agtgtctggc 420
 cgtgggtggg ggtgtcccag caggaggccc tgggcgaggc gctggatctg gctgtccctg 480
 aagctcaagg gggtagctg gggctctcag aatggaggta atgtccttgc gtcccaccac 540
 tcggccctca gtccttcct cagacagctc aatgcggaag cggctcctgga catcatagt 600
 gctgggaatg ggtgccacat ggcgaatcac aatgtcaatg caagactggg gcttcacata 660
 tccctctgcg tcaaacaccg tgtatttggc aggtgctgtg cacaggactc ggaagcgaag 720
 cgcagttcct gtggggttat agagggtcag cagctgtcgg ggtccgctcc gctgggtccgc 780
 cctgaatact agatccgggg gaaagaccag gaccgggaca acgggtccca agggaggagg 840
 ggcgccccgg gacccccgcc caggggggccc cggacccacc agctcctggg cctggggcgc 900
 cccacggcgc atgcaggctc tgggcggtcg gacatccgag ggcagagctc aggggacagg 960
 gcctggagtc agagcttgtg gttaaagcac ctgccagtca gcttgtggtc agattaatgt 1020
 tgccatgttc cagagagtc ttttctatac ttccgcgta cggcct 1066

<210> 7791
 <211> 3913
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (264)...(1984)
 <223> similar to gi28969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7791
 gctgcgtcca gtgaacactt cagcacctgc agcacagaag ggccaaggag ctgcagtcct 60
 cgaccagcag gaggtttgct cctcagccca ctcgctgcat ccagatcagc tcacccctct 120

cccttcctg	cccaccagga	ctctgatagc	ccctggcagc	cacagcccat	tttgccaaga	180
tgtctagagt	agccaaatat	cgccggcagg	tgagtgaaga	ccccgacatc	gacagcctgc	240
tggagaccct	gtctcccgag	gagatggagg	agctggagaa	ggagctggac	gtggtggacc	300
cagacgggag	tgttcccgtg	gggctgcggc	agagaaacca	gacggagaaa	cagtccacgg	360
gtgtgtacaa	ccgggaggcc	atgctcaact	tctgtgaaaa	ggagaccaag	aaacttatgc	420
agagggagat	gtccatggat	gaaagcaagc	aagtggagac	caagacagat	gccaagaatg	480
gagaggaaa	gggcagagat	gccagcaaaa	aagccctggg	ccccagacgg	gactcagatc	540
tggggaagga	gccaagagg	ggtggtttta	agaaaagctt	ctctagagac	agagatgaag	600
ctggtggcaa	gagtggcgag	aagcccaagg	aggagaagat	catccggggc	attgacaagg	660
gccgggtcag	ggctgcagtg	gataagaagg	aggcagggaa	ggatgggaga	ggagaggaga	720
gggcagtggc	caccaagaag	gaagaggaga	agaaagggag	tgacaggaac	acaggcttga	780
gcagggacaa	ggataaaaa	agagaggaga	tgaaggaggt	ggccaagaaa	gaggatgatg	840
agaaggtaaa	aggggagcgt	aggaacacag	acaccagaaa	agagggtgag	aagatgaaaa	900
gagcaggtgg	gaacacagac	atgaaaaagg	aggatgagaa	ggtaaaaaaga	ggaactggga	960
acacagacac	caaaaaggac	gatgaaaaag	tcaagaagaa	tgaaccttta	catgaaaagg	1020
aagccaagga	tgacagcaag	acaaaaacac	ccgagaaaca	gacgcccagt	ggccccacca	1080
agccctctga	aggaccggcc	aagggtggagg	aggaggcagc	tcccagcata	tttgatgagc	1140
ctctggagag	agtgaagaac	aatgaccccc	agatgactga	ggtgaacgtc	aacaactcag	1200
actgcatcac	aaatgagatc	ttgggtccggt	ttactgaggc	tctggagttc	aacactgtgg	1260
ttaagctggt	cgcccttgcc	aacacgcgag	ccgatgacca	cgtggccctt	gccattgcca	1320
tcatgctcaa	ggccaacaag	accatcacca	gcctcaacct	ggactccaac	cacatcacag	1380
gcaaaggcat	cctggccatc	ttccggggccc	tcctccagaa	caacacgctg	accgagctcc	1440
gcttccacaa	ccagcgacac	atctgtggag	gcaagacgga	gatggagatc	gccaagctgc	1500
tgaaggagaa	tactaccctg	ctcaagctgg	gctaccattt	tgagctggcc	gggccccgaa	1560
tgactgtcac	caatctgtct	agccgcaaca	tggacaagca	gagacaaaag	cggctgcagg	1620
agcaaaggca	ggcacaggaa	gccaagggag	agaagaagga	tctgctggag	gtaccaagg	1680
ccggggccgt	ggctaagggc	tccccaaaac	cttcacctca	accatctcca	aagccctctc	1740
caaagaactc	acccaaaaaa	gggggtgctc	cagctgcccc	accacccctc	ccccctccct	1800
tggtccacc	ccttatcatg	gagaacctga	agaattcact	ctcaccagct	accagaggga	1860
agatgggaga	caaagtccct	cctgcccagg	agaagaactc	ccgtgaccag	ctattggctg	1920
ccatccgctc	cagcaacctc	aagcagctca	agaagggtga	agtgcccaaa	ctgcttcagt	1980
aggaccaggc	tgccaggcac	catctgccaa	tgccatgact	gctcaggcct	cacctcccag	2040
ggctacacag	accctgcccc	ccccatccct	ggctgacctg	ctgtggatgt	ccctattctg	2100
ccatgggaga	gtccaggcct	gggtcacgct	caaggaagga	tgcccttatct	cttctcaact	2160
tcctttttct	gtctctgagg	ctctccaaat	tttgcttttag	tacatggagc	tcaggtttct	2220
ggacaagaag	agtcctttta	gcacatcact	tgagaagatg	gcactgtcca	gggcccattg	2280
agctggcaag	ctgcaaaaag	cctgtgatcc	aggaaagatg	tcccacaggg	accacatcca	2340
ccccagcccc	actgccctcc	agggccaggga	ttcaggcctc	tgaggagccc	acggggcaaa	2400
gctgctgggc	cagtggcact	ctgtgtggga	aaatggcaga	aagatggaga	ggcatggggg	2460
cccaaagggg	agcgtgggga	ggggctgagg	ataccccaaa	gtccaggcta	attagaggat	2520
gtggcagggg	cagtggcctg	gatgcacagt	gcctgatggg	agtaggctcc	agacaggagg	2580
agtgggacag	acagcagctg	gacttgaagg	tttgatgcca	aagcagacat	tttccctaca	2640
cccacctgct	gctgtatgaa	tagctgtgta	tctgtttttc	cataagattt	tgataatata	2700
tacaaacctt	tagctgtgaa	tggctgtgcc	ccacctgttg	tccctgaactg	tgagtcctga	2760
tcctaacctt	gggtccctg	gaggactcta	gaagctcagg	ttccctgcca	cactatttga	2820
gttggccaa	aaataaattc	acatcctcag	aaagtgcagc	atggaggaaa	atctgaactc	2880
taagcagaag	actctccact	gacctggttg	tccaggctta	gaaggccagg	cctctactag	2940
gtctgtctct	gaaccagctc	tgtgcctgg	agtcagtagc	cagagttggt	ctcaggggtg	3000
ctggggcaga	gtggagccca	gggtgctggg	atggctatat	taggcatggt	cagggatgct	3060
cattccatga	ctctgcctaa	ccatgggctc	agggccagg	cctcacagca	gtcacaggcc	3120
caggaaggcg	gcaggcagag	aagtggagtg	actatttgga	gaatagcacc	catatctgtg	3180
tgccttaggg	ctcagcagg	gcctcatctt	gcccagccct	caccaactgc	tcgccaattc	3240
cacttctggc	ccccaaactc	ggaaatgctg	acaatgctgc	catgcccaca	tcggggtgta	3300
ggtgaaaggc	atctttctga	atttctattct	cttgaagggtg	ctgccacccc	ttggcactgt	3360
ggaactgcc	ccttgggtct	gtgtcacttg	taggtttctc	tgccctcagg	ttgcctcaac	3420
agcaggaggc	acagcagttt	caccatcttt	gaggtgagg	tggggtgcc	cagctaggaa	3480
gcaagatcgc	tgtgctaggt	ctgacaaaa	ccagagggca	gtctagtcct	gggggtaaa	3540

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ccctcagatc ccagggtaca ctcttctcca ttccctccac ccacttgcct gtcaccccag 3600
tcacctaaagc aatcactggg cccagaggag aggagacaga cacacactgg ctccctggacc 3660
taaagggtat gagctggagc taaggccagc tagagcttcc actgtcagcc ctccactgtca 3720
gccccactgc acccccctgt gcctgctggg cactgggcac tagctagatg ctttaggttg 3780
cttcagctga tccttcaact ctgtgaggtg gataccaata ttctattttg cagatagaat 3840
ttggcccaga gaggttaact aatatatcca tgatcacaca gctaataaaa gtcagagctc 3900
aggaaaaaaa aaa 3913

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```

<210> 7792
<211> 1231
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (175)...(677)
<223> similar to gi5924319 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7792
ctagaccctc ttctctccct tcggcttctc tctttcggcc ggcgcgcgcca gttcctgggg 60
cacaccacaga ggtcccccctc tcgcgcgcgc ctgcaactgc gagggtagcc cggggccgct 120
tggagtgcgc cggacctgag aggctgctgc actgggcctc agccagccct ccggatgctg 180
gtgctgccat ccccctgccc tcagcctctg gcattttcct ccgttgagac catggagggc 240
cctccccgtc ggaacttgccg ctccccagaa cctggacctt cctcctccat cggatctccc 300
caggcttcat ctctccaag gcccaaccac tacctgctta ttgacactca ggggtgtcccc 360
tacacagtgc tgggtggacga ggagtcacag agggagccag gggccagtgg ggctccaggc 420
cagaaaaagt gctacagctg ccccggtgct tcaagggtct tcgagtacat gtcctacctt 480
cagcgacaca gcatcaccca ctcgagggtg aagcccttcg agtgtgacat ctgtgggaag 540
gcattcaagc ggcgcagcca cttggcacgg caccattcca ttcacctggc ggggtggtggg 600
cggcccccacg gctgcccgtc ctgcccctgc cgcttcgggg atgcgggtga gctggcccag 660
cacagccggg tgcactctgg ggaacgcccg tttcagtgtc cacactgccc tcgcccgttt 720
atggagcaga acacactgca gaaacacacg cgggtggaagc atccatgagc cgggctgccc 780
ggtgccccag gtaccacagg actttgcagg gagcctggac tcctgtccag acacctggtg 840
agagcctgag gctggtgttc agggccctgg acacagacac agagcagccg catctcaaag 900
gcagagccct gacctgaagg ggaatccgtg agtaatcttc aggtcctccg tgttctggag 960
ctgagatggg aatgagcccc tacacagaat ggagtcctct agcctaaaga tatcagctgt 1020
tccatggcag agccttgact ggatggaggt ggggagtgtg gtgtgtaaag tctctggcct 1080
cataaaagggt ggctgtgggt cgtcaggaat ctgcgccatc ttctggggg cttctgcggc 1140
tgttgttggg ggaagggacc ccagtctctc cttccacccc ccaaccaggc ctgagactga 1200
tcaacaata aacacgtttt cccacttttg a 1231

```

```

<210> 7793
<211> 1183
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (112)...(722)
 <223> similar to gi452320 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7793

gaaaacttct	tcctggcctg	ggctccgtgc	cgctctgttt	gccaacccgtc	cagtccccgcc	60
taccagtgcc	gggcgctccc	caccctctccc	ccggctcccc	cggtgtccgc	catggccaaa	120
gcctacgacc	acctcttcaa	gttgctgctg	atcggggact	cggggggtggg	caagacttgt	180
ctgatcattc	gctttgcaga	ggacaacttc	aacaacactt	acatctccac	catcggaatt	240
gatttcaaga	tccgcactgt	ggatatagag	gggaagaaga	tcaaactaca	agtctgggac	300
acggctggcc	aagagcgggt	caagacaata	actactgcct	actaccgtgg	agccatgggc	360
attatcctag	tatacgacat	cacggatgag	aaatctttcg	agaatattca	gaactggatg	420
aaaagcatca	aggagaatgc	ctcggctggg	gtggagcgcc	tcttgctggg	gaacaaatgt	480
gacatggagg	ccaagaggaa	ggtgcagaag	gagcaggccg	ataagttggc	tcgagagcat	540
ggaatccgat	ttttcgaaac	tagtgctaaa	tccagtatga	atgtggatga	ggcttttagt	600
tccctggccc	gggacatctt	gctcaagtca	ggaggccgga	gatcaggaaa	cggcaacaag	660
cctcccagta	ctgacctgaa	aacttgtgac	aagaagaaca	ccaacaagtg	ctccctgggc	720
tgaggacctt	ttcttgcttc	cccaccccg	aagctgaacc	tgaggggagac	aacggcagag	780
ggagtgaaga	ggggagaaat	agcagagggg	cttgagggt	cacataggta	gatggtaaag	840
agaatgagga	gaaaaaggag	aaaagggaaa	agcagaaagg	aaaaaaagga	agagagagga	900
agggagaagg	gagaggaatg	aattgaggaa	gtgaaagaag	gcaaggaggt	aggaagagag	960
ggaggaggaa	aggaaggaga	gatgcctcag	gcttcagacc	ttacctgggt	tttcagggca	1020
aacataaatg	taaatacact	gatttattct	gttactagat	caggtttttag	ggtcctgcaa	1080
aaggctagct	cggcactaca	ctagggaatt	tgctcctgtt	ctgtcacttg	tcatggtctt	1140
tcttggtatt	aaaggccacc	atttgcacaa	atgaaaaaaa	aaa		1183

<210> 7794
 <211> 1582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (306)...(1453)
 <223> similar to gi4325086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7794

accttgagc	tagcgtcatc	gcgaaggaa	tcccacgacc	ggatggaaga	gcccagctga	60
cacaaccaag	acgagtctca	gtgtctaggg	aagcttgggg	ttctgctcct	tttacttcag	120
gcgaacctga	actcagttaa	tgcaattttg	aagcatgccc	tgaatagatt	cagtcattat	180
caagtcaaac	taaaaacggg	gaaagggttc	gactattacc	aaataggaaa	aacctgaaga	240
cataagaact	acacatgagg	aatatgtcat	ttagcacttt	cactttttga	tctccacaga	300
agacaatgag	aagtcatacc	ataacaatga	cgacaacttc	agtcagcagc	tggccttact	360

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cctccacag aatgcgcttt ataaccaatc atagcgacca accgccacaa aacttctcag 420
caacaccaaa tgttactacc tgtcccatgg atgaaaaatt gctatctact gtgttaacca 480
catcctactc tgttattttc atcgtgggac tgggtgggaa cataatcgcc ctctatgtat 540
ttctgggtat tcaccgtaaa agaaattcca ttcaaattta tctacttaac gtagccattg 600
cagacctcct actcatcttc tgcctccctt tccgaataat gtatcataatt aaccaaaaca 660
agtggacact aggtgtgatt ctgtgcaagg ttgtgggaac actgttttat atgaacatgt 720
acattagcat tattttgctt ggattcatca gtttggatcg ctatataaaa attaatcggt 780
ctatacagca acggaaggca ataacaacca aacaaagtat ttatgtctgt tgtatagtat 840
ggatgcttgc tcttggtgga ttcctaacta tgattatttt aacacttaag aaaggagggc 900
ataattccac aatgtgtttc cattacagag ataagcataa cgcaaaagga gaagccattt 960
ttaacttcat tcttgtgga atgttctggc taattttctt actaataatc ctttcatata 1020
ttaagattgg gaagaatcta ttgaggattt ctaaaaggag gtcaaaattt cctaattctg 1080
gtaaatatgc cactacagct cgtaactcct ttattgtact tatcattttt actatatgtt 1140
ttgttcccta tcatgccttt cgattcatct acatttcttc acagctaaat gtatcatctt 1200
gctactggaa agaaattgtt caaaaaacca atgagatcat gctgggtctc tcatctttca 1260
atagttgctt agatccagtc atgtatttcc tgatgtccag taacattcgc aaaataatgt 1320
gccaaacttct ttttagacga tttcaagggtg aaccaagtag gagtgaagc acttcagaat 1380
ttaaaccagg atactccctg catgatacat ctgtggcagt gaaaatacag tctagttcta 1440
aaagtacttg aggtaaacat actaaaatga attaagaggc tgcattatat ccagcagcag 1500
gtgtgaacac cctgggggtga tgcctggggct gagtgaattg gacatttttc agcagggaca 1560
cccaggccag tggcgggtct tt 1582

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<210> 7795
<211> 1230
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1231)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1074)...(279)
<223> similar to gi5912229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7795
tttttttttt ttctgataaa attatgtttt aattgcctat ggcatatatt acataatggc 60
tcaaaattaa tagtctggct gaaattaaga aaaacagctg atgatgactt agtaaatoct 120
taattttaag taagcttttg gccaaaagtc aggggtagaa ttgactcaaa attaacagcc 180
ttcaccatct tttattcatt ctgctgtgat acaactaaaa tggccagtaa attctcccct 240
gggtctcagg taacagtttt ccaaaagtga agtatcactt tctctgcaca gtggtgaaag 300
ccggcatttg gatgggctgg atcgggtgga caggctgaaa cactggcttc tttctcactt 360
cagagtgtgt tttcactgca gggagcagct gattcctttt gatgatctgt aaggccagct 420
gagtattacc attctgcagt tcaaggtaga ctgccagcaa gatggcctca gggggcacct 480
ctttaggatg gatcattgaa gccgcctggt ggagacactt tcgggctttg tcatattcgc 540
tcctcaggca gtaagcgtg ccaaggttga acagcatcac agtcctggca gagttgacgg 600
aactggggta gcactgaggg gccgcgttac cagaggattc cattgcttca ttttcacctt 660

```



```

ggcacaaatg ggccccgcct ttggcagagg agcaagtgat atgatgtgta aagtatgttg 1680
gtggtgaaaag caagggtccc caggagaggg gagggactgg cccctgggaa gctctgagat 1740
gaggctgtgg cccagctgta gtcctgacct tcctcttctt taacccttta gccctaggat 1800
ggctttgggtg ggagagggga tagaagccca tgacttcaga cagactttct ctgggcagat 1860
gcaggcgggc ctcctcccag gctgctccag acatgggggt tggggatggg gggcaccttg 1920
cagccccttc ctgctggggc tccctccttg tagcaccccc cttgcggctc agctctgggt 1980
tcctctccca ggctcaccca ggctctgctc aggtgaggag gcagagggca caaaccttat 2040
aatTTTTTaa atgaaaaacc gctgctgctg gctgtggcta gagccccctg gggctgctgg 2100
agctgctgcc tctgttctgg aggacgagcc ttctccttat ctgctgcca tctttccagg 2160
aagtcaggat ggagtcagaa caactacagt cacccttcgt ggtgtctgca catcactcca 2220
gccccataaa gagtgtcatg ttagctgagt caccatttgg cttcggcctg gaaatagtgt 2280
gattagaaca ctgatcgtgt gcgaggccag gagatcaaga ccatcctgac taacaaacac 2340
agtgaacccc cgtctctact aaaaatacaa aaaattagcc aggcgtgggtg gtgggcgcct 2400
gtagtcccag ctacttggga ggctgaggca ggagaatggg gtgaacccgg gagatggcgc 2460
ttgcagtgag ctgagattgc actccagcct gggcgacagg ctcaaaaaaa aaa 2513

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<210> 7797

<211> 1258

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(919)

<223> similar to gi5824665 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7797

```

acctctagtc cagcgtgggtg gaattcagtg ccctgagcgt ctccatggcc tgcctgagcc 60
cctgcgagct ccagaagttc caacaggatg gattcctggg gctggaagga ttcttgtctg 120
cggaagagtg tgtggccatg caacaaagga ttggcgagat agtggctgaa atggatgttc 180
ctctccactg ccgcacagaa ttctccaccc aggaagagga gcagcttcga gcccagggca 240
gcacagacta tttcttgagc agtgggtgaca agattcgatt cttctttgag aaaggcgttt 300
ttgatgagaa aggaaatttc ctggtccctc cggagaaatc catcaacaaa attggccacg 360
ctctgcacgc ccacgacccc gtcttcaaga gcatcacaca ctcttcaag gtgcagacct 420
tggccagaag tctgggcctc cagatgcccg tgggtgtgca gagcatgtac atctttaagc 480
aacctcactt tggcggtgaa gtctcccctc atcaggacgc ctcttctctg tacacggagc 540
ccctgggccc ggtgctgggc gtgtggatcg cagtggagga tgccacgctg gagaacggct 600
gtctctgggt catccctggc tcccacacca gtggtgtgtc aagaaggatg gtccggggccc 660
ctggttgctc agcgcctggg accagcttcc ttgggtcaga gccagcccgg gataacagcc 720
tctttgtgcc caccocagtg cagagagggg ccctgggtcct catccatgga gaagtgggtac 780
acaagagcaa gcagaacctc tctgaccgct cgcgccaggc ctacactttc cacctcatgg 840
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ttccccaact gtacacctaa aggtctctcg agggcaggag ccctcgcccc tcccgggtga 960
agctgtgggc tgtaaacacc agtgccttgc tcagcctcct gggttgcaaca gggaggtctt 1020
gtctcccctc ctgggctttc ctctgcccct gtgggcagca gcctaggctg ggtcaggggc 1080
ttccctaaga tcttcacctc tctgcccctc tactgcccc acatagcctt gaggaggctt 1140
ctcagccacc aaagggttct ggccccttct cactctcctc tcctctcaga tggaaactctg 1200
gttattatgg tgtagttat cgaataaaaa cgacttcaga atgcaaaaaa aaaaaaaa 1258

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<210> 7798
 <211> 1581
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1460)...(347)
 <223> similar to gi5931549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7798
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 gctttggtca agaatggaat gaaatcgcaa aaaaacaaac aaaaaatta ctgccttaaa 180
 aaaaccaaca ctttcaccaa ttttatattc aaacaaaacc acacggcatt ggcgtgatat 240
 gtgttttcag tgtttccttg gggtcggtt cctcgccatc gtgccacggc acagctgcgg 300
 tcggccacag tttgtcatgc tggatggcgg aggtcactc agcttcacat tatccggagg 360
 ccctggatgg aagactcgag ggtcttgaat tcccaaattg tcatggctcc atcgatgcca 420
 gtagtgcaaa atttgcgaca atcttgcttg tccacctcat aaatagagac ttgagtgatg 480
 ctattctggt gcagcgtctc caaggcgtg ttgcggtcct cagttgtggc tctcttgctc 540
 atgttgcgga agcgttccat ggcagacatg ttgcgttgga tgcctggtt tggaatatct 600
 aacttgagga cgaaggtcag gcagccgcgg tcatcgtagt taaagagcat tgggcagcag 660
 tcatggccag cagccacgac gctgttctct gagacaaatg acacacttag gagcggcagg 720
 aactctgtct tcagagtcga gacctgcaca ctttttgagg catcagcaac agacacggtg 780
 ctgtcgtggc tgaccacaggc caggcggctc ccactggcag agaagcttac ccctgggacc 840
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 ccccgaggcg tgctggctgg cttttcatcc acttctttta tgtaggcaga aaacactctg 960
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 aactgatgca gtgacattat tcttagtggt ttcaaaggag agaaagctgg gatcggggga 1500
 gtccggacgg gctcggagcg gaggattcgc ggactctggg cagtcgacgc gaacaggctc 1560
 cgtcggggcg gggcggagga c 1581

<210> 7799
 <211> 1528
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (69)...(1243)
 <223> similar to gi3850704 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7799

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ccaaggggct	gcagaagcta	cgctgggtatt	gccagatgtg	ccagaagcag	tgccgggacg	180
agaatggctt	taagtgtcat	tgtatgtccg	aatctcatca	gagacaacta	ttgctggctt	240
cagaaaatcc	tcagcagttt	atggattatt	tttcagagga	attccgaaat	gactttctag	300
aacttctcag	gagacgcttt	ggcactaaaa	gggtccacaa	caacattgtc	tacaacgaat	360
acatcagcca	ccgagagcac	atccacatga	atgccactca	gtgggaaact	ctgactgatt	420
ttactaagt	gctgggcaga	gaaggcttgt	gcaaagtgga	cgagacacca	aaaggctggg	480
atattcagta	catagacagg	gacccagaaa	ctatccgccg	gcaactggaa	ctggagaaaa	540
agaaaaagca	ggaccttgat	gatgaagaaa	aaactgccaa	atttattgaa	gagcaagtga	600
gaagaggcct	ggaagggaag	gaacaggagg	tccctacttt	tacggaatta	agcagagaaa	660
atgatgaaga	gaaagtcacg	tttaatttga	gtaaaggagc	atgtagctca	tccggagcaa	720
catcttccaa	gtcaagtact	ctgggaccga	gtgcactgaa	gacgatagga	agttcagcat	780
cagtgaacg	aaaagaatct	tcccagagct	caactcagtc	taaagaaaag	aagaaaaaga	840
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actactggct	acagcctgaa	attattgtga	aaattataac	caagaaactg	ggagagaaat	960
atcataagaa	aaaggctatt	gttaagggaag	taattgacaa	atatacagct	gttgtgaaga	1020
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caccaggaaa	aagaattcta	gttttaaatg	gaggctacag	aggaaatgaa	ggtaccctag	1140
aatccatcaa	tgagaagact	ttttcagcta	ctatcgtcac	tgaaactggc	cctttaaaag	1200
gacgcagagt	tgaaggaatt	caatatgaag	acatttctta	aacttgccct	gagtttgaaa	1260
atttgtaaac	aatacattaa	aatctttaaag	catcaaattg	gtgttcgcca	aggcattatg	1320
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actgtatagt	tagttgttca	gctaaacttt	gagaagaatt	taattatgtc	tcatgaggta	1440
tcaaaactatg	taattttgtc	cttgttattt	ttgtttcctt	tgtaattttac	ttgatgagtt	1500
tatatcttca	ttaaagaatg	ttattata				1528

<210> 7800
 <211> 3565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (277)...(923)
 <223> similar to gi6002803 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7800

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atactgaggg	agcacaggag	cagtcaccgc	tgccactgct	actgccgcta	ctgctgccgg	120

cgcgctctgca	cctctcggcc	tgccagtgtg	cctgccggcg	cctcggtcga	ccgccccgc	180
cccctctccc	gctgcgtccg	cactcctggt	cctgggtcctg	acgccccct	cccggccgga	240
aagctgcccc	gccaccagca	acccccaggt	gccaccatgg	caactgcacc	atacaactac	300
tcttacatct	ttaaataatat	tattattggg	gacatgggag	taggaaaatc	ttgcttgctt	360
catcaattta	cagaaaaaaa	atztatggct	gattgtcctc	acacaattgg	tgttggaattt	420
ggtacaagaa	taatcgaagt	tagtggtcaa	aaaataaaaac	tgacagatttg	ggatacggca	480
ggacaggagc	gatttagggc	tgttacacgg	agctactaca	gaggagctgc	gggagctctt	540
atggtctatg	atatcactag	agaaggtaca	tataaccact	taagcagctg	gttgacagat	600
gcaaggaatc	tcaccaatcc	aaatactgta	ataattctca	taggaaataa	agcagatttg	660
gaggcacaga	gagatgttac	atatgaagaa	gccaaacagt	ttgctgaaga	aaatggctta	720
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gccaaagaaa	tctatcagaa	cattcaggat	ggaagcttgg	atctgaatgc	tgctgagctc	840
ggtgtacaac	acaaaccttc	agccccgcag	ggaggccggc	taaccagtga	acccaacccc	900
cagagagaag	gctgtggctg	ctagtgcact	ctttgctgtg	gccccctcatt	tgacctttca	960
cctctgtctg	ttggaagcag	tactttttac	tgctcatttg	tcttctgtac	atcttactgg	1020
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gctaaacaac	tagatgtaat	caggttatca	aaggcaagta	gagtaataaa	tctctcctgc	1140
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attttaaatt	gtgcattttt	aacctacag	tgaataaact	taagatatcc	ctgtgttcac	2160
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ttcattgtat	aaagagaggt	ctacgtatgt	agcatataaa	accacatcac	taagtaatag	3180
accacagct	ttattcttgt	gtttacatta	cccttgaaat	gttttcagtc	aaccttttc	3240
agtgtaaagt	cagcacattt	ggtggtgtat	gctgttctcc	tttgactgta	ccgggagcca	3300
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gattgtcata	ttgtaacatg	cgtgtgccag	acaccgggca	gtacactttg	gaaagaatgt	3420
gaaatccttt	taatttttaa	tccatagctt	actgcttgtg	cagtcacctg	cctctcgagg	3480
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<210> 7801
<211> 2181
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (782)...(1658)
<223> similar to gi207036 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7801

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cacgaatctg	cagcggctctg	tggatgacac	aagccaggct	atccagcgaa	tcaagaacga	180
ctttcaaaat	ctgcagcagg	tttttcttca	agccaagaag	gacacggatt	ggctgaagga	240
gaaagtgcag	agcttgacga	cactggctgc	caacaactct	gcgttggcca	aagccaacaa	300
cgacaccctg	gaggatatga	acagccagct	caactcattc	acaggtcaga	tggagaacat	360
caccactatc	tctcaagcca	acgagcagaa	cctgaaagac	ctgcaggact	tacacaaaga	420
tgacagagaat	agaacagcca	tcaagttcaa	ccaactggag	gaacgcttcc	agctctttga	480
gacggatatt	gtgaacatca	ttagcaatat	cagttacaca	gccccaccac	tgcggaacgct	540
gaccagcaat	ctaaatgaag	tcaggaccac	ttgcacagat	acccttacca	aacacacaga	600
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gatgcaacaa	gatttgatga	ggtcgagggt	agacactgaa	gtagccaact	tatcagtgat	720
tatggaagaa	atgaagctag	tagactccaa	gcatggtcag	ctcatcaaga	attttacaat	780
actacaagg	ccaccggg	ccaggggtcc	aagaggtgac	agaggatccc	agggaccccc	840
tgggccaact	ggcaacaagg	gacagaaaag	agagaagggg	gagcctggac	cacctggccc	900
tgcggggtgag	agaggcccaa	ttggaccagc	tggtcccccc	ggagagcgtg	gcggcaaaag	960
atctaaaggc	tcccaggggc	caaagggtc	ccgtgggttcc	cctgggaagc	ccggccctca	1020
gggcccag	ggggacccag	gccccccggg	cccaccaggc	aaagagggac	tccccggccc	1080
tcaggggccct	cctggcttcc	agggacttca	gggcaccgtt	ggggagcctg	gggtgcctgg	1140
acctcgggga	ctgccaggct	tgccctgggt	accaggcatg	ccaggcccca	agggccccc	1200
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tttttcagtt	gagaaagaaa	tttttgagga	tgcaaagctt	ttctgtgaag	acaagtcttc	1380
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gagagagagc	cactggatcg	gcctcacaga	ctcagagcgt	gaaaatgaat	ggaagtggct	1500
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gccatttact	gaaaaaaaaa	tgacagctag	ggttttttac	catccgtcat	tacccaaaga	1860
cttgggaact	aaaatgttcc	ccagggggat	atgctgattt	tcattgggca	catggactga	1920
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agcatatact	gtgtaaacag	tgccatacat	ttctaaaatc	ccaagtgtag	gaaaaatatg	2100
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ttaaaactttt gaaaaaaaaa a

2181

<210> 7802

<211> 1185

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1120)...(826)

<223> similar to gi33918 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7802

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atcttatgta	acatgcagag	catatatcta	tctgtatttt	taaaattttc	ctgttactca	180
ttgatacata	gtactttaatt	acatgttatt	ccatgtacac	tgaaaacaat	ataggaaata	240
tatacatcta	agacttctac	tttgtacagt	ctttcattaa	ataagaatac	ttacacatac	300
attttcagat	atttctacct	tctgtatgt	gtttggaatt	gtatggaagg	aggcacttga	360
agaaatttgg	gccccttggg	aggatggcag	tggaagtcca	tgaagtaaag	agcattcttt	420
aaaaagcaga	tttgattgca	taccttttag	ttatttgaga	ttctgagaat	tctgataaac	480
cccaaagcag	aaagattcct	tatacccttg	gaagatggga	aagggtgagg	aaatatttga	540
agcagggtca	gaacatccac	taagaacata	gcacctcagt	agagcttaca	ttatagtgcc	600
agggtagagt	tattactgaa	tagcttagga	tgatgaacat	taaccttcct	acaggagtag	660
tagcagctga	tttggtgacc	atcattgggc	accttttagt	gtaactgcaa	actaagaaca	720
attatggctt	gacatatact	ccatgtaggg	aagtgatggg	agaggcagcc	tctgtgtggt	780
ccatccttgg	aagcactgca	tcgattttgc	tcccctctgg	ttttaaggag	atctttttaga	840
cctttccttg	ctaactgctt	tcagtaaatt	cttgatggcc	ttcgattctg	gattcagaca	900
tctcttctca	cccttctttt	tcattgtagc	aatgatctca	acacgtggac	aaaattggct	960
tgcaggaata	atttcaagtt	tttctaaaga	ccttggatta	acaggttgat	tactaatgct	1020
gatgcaggta	cagcgtacag	ttctagagag	aggtagctcct	tgaatgccac	ttagagtcag	1080
aaagataagg	cagcaaatca	gaatggcagt	ttgattcatg	gtgctgagac	tggaggttcc	1140
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<210> 7803

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (118)...(721)

<223> similar to gi4689260 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<210> 7805
 <211> 1484
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1242)...(703)
 <223> similar to gi5138991 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7805

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gaacactaat	gccaatactt	atctcattgt	ggttataacg	aaggatatta	ttatttgtgt	180
tatttttgtc	tggaacataa	atcaatgcc	ttaacttgaa	cttgagggtat	atacacaata	240
cacacacaac	cttaagcaaa	atacttttca	taagtaacat	tacattttta	aatattggaa	300
acattcgaat	atctgtgctg	atttgtattc	tgacttaatg	gaacaagaag	aaaataacat	360
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ctttgtactt	accataggct	acacaatgtc	ctgagaggat	tcattatgag	aaaaatgtca	480
atcacagctt	caataactta	ctttggaaaa	aactaatgag	aaagcaaact	ggaagggtgag	540
acttcatctt	tgttttcaaa	taagtggctt	taatttttct	tcttatagaa	aaagtttaaa	600
tcagttttatt	ataaatatat	ctaaaccatt	aatttttgca	gctttcaggt	aaagtccagc	660
acttcattta	tacaaaatct	atgagaagag	gtcagtagag	atcatctaata	cttaagtcgt	720
gacatcatcc	attcaagtcc	ttggcaccaat	ccctcgccag	ttagagcaca	gcatgcctgg	780
atatgccact	ggtgatcttt	aatagaagtt	agcttcaaaa	actgggagat	ttctgctaca	840
gtcatgcatt	ctttaacatc	ttgtttatta	gcaaaaatca	gcaatccagc	ttttcttagg	900
tcctcatgcg	ctaacatttt	atagagttct	tctctagtta	cagaaatcct	ctctctgtct	960
gtactgtcca	caacaactat	tacaaactct	gtgttagtat	agtaagtgtt	ccaggaagaa	1020
cgaagagatt	cttggccacc	aatatcccac	attaggaaac	gtgtattatt	aatcactatc	1080
tcttctacat	tacttcctat	tgtaggagat	gtatgtacaa	cttcattcat	agaaaattgg	1140
taaagaatgg	tagttttccc	tgcatatatc	agcccaacaa	tgataacttt	gtgctcctgg	1200
tgattgaaca	gtctccatat	tctagtgaag	agaattccca	ttctcgggca	gcggaacccc	1260
ccccctccag	acaccggggc	cgcttggtct	cccccggtc	aggctgaggg	ggaggagaga	1320
gacgcgctgg	agcctccgcc	tctgctgctg	ctccgcgct	ggtcgcgggc	cgcttccag	1380
ggaaccggag	ggaggccgaa	gccagggcgc	cctgcccgcg	cgcaaggccc	cgccgctgcc	1440
gccgcggcac	tcgcctggct	cgcggacatc	gcgcgcgct	tgtc		1484

<210> 7806
 <211> 2468
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2149)...(1799)
 <223> similar to gi791150 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7806

tttttttttt	ttatagtcta	aatttttatta	tctccaagtc	acaatgctga	tcacaaatgg	60
gcacccttta	aaacagtaac	aaaaaacacc	accacacatg	gaaaaatcct	tgcaactaaa	120
cacagtggac	caacagagac	aactctcaca	gtgtcttaag	gtctgggaat	ctgggcatgc	180
tgcccaacag	cttgaggaga	catcttcagg	tttaaggcaa	agggaacagc	ctacaaaagg	240
cacaaccacc	agctacccct	agaagaatct	cttagttatt	tcctccttgg	gggttacaga	300
ttaagtgcct	ctccccactc	tccatcccac	acctgtgact	cagagtgatt	aggccagctg	360
ctagatggaa	ggaataaaaa	cagtgcatt	accggggaga	gacacagcca	ccatctttgc	420
cctcaggttc	tgtagaagga	cagggacagt	ggccagggtta	cccctggcag	acgtatgtac	480
tgcagtaata	ggaatctctt	ccacagaggc	agcagagaag	tggttttagtg	ccatggatag	540
ggaggaaaga	taggagccct	tgcccagaag	gtgactggct	tccttaggcc	ttaagcccag	600
gagtttttat	attctgtctg	caaggacaaa	aatagaattc	ggggaaaata	aggtagtaac	660
atctaaaaca	cttgtagcag	gaaagacgtg	gagaagagca	attgcaaagg	acagggtaga	720
ctgcttgctg	gataatat	gcctttaaag	agatgcattg	gtccacagca	actggaaaag	780
gggtgtagca	agaagaatgg	aaagaagaga	agcaaggccc	tctaattcca	cttacctcaa	840
aagactgagc	cctgaggact	atgtgaatac	acacccttaa	aggcaaaggc	tctcactcca	900
ccatcccttt	ctcacaaaag	catctggtgt	gccatctctc	cccacagtag	ggtattggcc	960
ctcagcagag	aacagaagcc	catcatagta	caggatttga	tggtatgctca	gactcctaaa	1020
aacctaagtc	aaagagaagg	gctcctaccc	acctactctg	agcttttctg	cacaatggga	1080
ccctctgtgc	agacagccat	gcttccacag	ggttagagtt	aagggaatac	aagtatacaa	1140
gaggataaca	aatgccaact	aaaagtgaag	ggccagggtct	ttttagactt	ggtggggaag	1200
gctggctgat	acattctcca	ttatctggga	tgcaagggaag	agtcaaaagg	gaatccagag	1260
gggctagaaa	accagaagac	tagacttggt	tcatttaaag	gcagggagag	agagcaagaa	1320
acagaaacaa	agagaaaaaa	ttaaaataat	attaaggata	agaagccagg	ctttaaaaat	1380
gaacatctta	gaaaaacaaa	caaacaggaa	ggagcttcct	tggaacagaa	agacacttca	1440
atttcccaga	agtgaagaac	agcagaagac	atgggcttct	gtatctagac	tcagaagctt	1500
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gggacgaggt	ccacttggtt	ctccctctct	ctagagcctg	tcctcagagg	aaggcagggg	1620
tcctcctctt	tcagctgttt	gctggtagga	gccacaccct	atatctttga	agcccttctg	1680
gtagtagata	gccagctgta	tttctcttct	gagttctcac	ctctgctgct	ttttatatga	1740
tgtaaagatt	taaaatattc	agaaacttgt	attaactgga	acctctgctt	acaacctcag	1800
gtggaggggg	cttgatggtg	actggctggg	gagtcctccg	gggtggggag	ggctttggct	1860
gcacctgctg	ctgggcgggg	ttatagtagg	tcactcctcc	atatacctgt	gatggggcct	1920
gtgtattagg	atacagatga	ggcggtggtg	ggggaggcag	tgcccctgga	gcataagggt	1980
aactgggatt	accaaagttc	atgacgcctg	gagcagaaaa	gtaagtagga	gcaagcaact	2040
gctgaggtgg	tggctgtcct	ggagacatgg	acactggtgg	gggatagagg	cctggattgg	2100
gcagaggagc	tgggtgtctg	tggggatgta	aacctggata	aggagaagaa	aaaaactgaa	2160
aaataaagta	acatcatatt	cacaggatgg	cccggtgga	ctgctcagta	taatcaggct	2220
cagaatggaa	gtcctcagga	tggacacaag	aggaaactgt	tgcccaagca	gccaggatgg	2280
ccagactccc	aggctagcag	cacaaagctc	aggaggatgg	gttttgtggc	actcccaaca	2340
tatatcctca	ggtactggaa	gcatataagc	agagacacaa	agcttacctg	ggtggggaag	2400
gttcattcct	ggctgcacaa	gcatgccctg	tggaggcaaa	agggaaggc	ggtcaacttg	2460
ggtataga						2468

<210> 7807

<211> 1010

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (998)...(222)
 <223> similar to gi6018458 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7807

tttttttttt	tccagcaacg	ctccttttaa	tatccggatg	tccaaagcca	cagcctgtgt	60
gttgagcccc	gggtagggct	gctggccgga	ggctgttggc	ttccagcagc	agcacgacgt	120
ggctttttga	aaggagagcc	cggagagtgg	cggccagcag	gggcccagcc	ccatgggccc	180
cgtgcctggt	cccagctgcg	gcgtccctct	ggccagctac	aaaggggaat	gcttctcgaa	240
gggcacggtc	aggaggcggg	cggccgcctc	gtccaagaac	cagcacagtt	tcccgggtgtg	300
gggctggacc	agggcggcgg	gcagcggggt	ttcctcctgg	tcctccaaaa	tgcgcttcag	360
aacagctgcc	ttgccttctc	cagttgccac	aaagatgaca	gttcgtgctg	cattcaggac	420
aggtagtgtg	agggtcacac	gctgtggcgg	tggcttcggg	gagtcactga	tgggagccac	480
aatcttctcc	cgctcctgta	ggaggggggtg	gtctgggaag	agtgagcagg	tgtgaccatc	540
ggggcccacc	cccaggatca	gcaggtcgaa	aaccgggatg	gagtcacctt	ggaatgcctg	600
tctcagcttc	ttggcgtagt	cctcagccgc	ctcctccaca	ggcagctcgg	ggttaatggt	660
gatcacctgg	ctttctggga	tcggcagttc	ggagagaaga	tgcgtccggg	agaggccgta	720
cgtgctctcg	gcgtgatcga	agggcacgag	gcgctcgtcg	cagaagccca	gcgtccagcg	780
cgctaagcta	gctggcccgg	caggggagac	ggcggcgggt	agctcgccgg	ctagcatcga	840
gacgaggctc	ccgcccagca	agccgagcgc	gaaacggggc	cgggcccctg	ccaggcagca	900
tgctgcgcgc	tgggccacca	gctgcgctag	cgcgcacccc	agctcctggg	aactcgagaa	960
caccgagatg	aggcccgggg	ccggcgcggc	catggcgagg	gcggcggcgg		1010

<210> 7808
 <211> 2182
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (178)...(1457)
 <223> similar to gi3766197 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7808

gcggccctcc	cccgcgccac	cccgcgcgct	ccgctcgggc	gcgaggggac	ggggtcggac	60
tcagaaatgg	cggcctccat	gttctacggc	aggctagtgg	ccgtggccac	ccttcggaac	120
caccggcctc	ggacggccca	gcgggctgct	gctcaggttc	tgggaagtgc	tggattgttt	180
aataaccatg	gactccaagt	acagcagcaa	cagcaaagga	atctctcact	acatgaatac	240
atgagtatgg	aattattgca	agaagctggt	gtctccgttc	ccaaaggata	tgtggcaaag	300
tcaccagatg	aagcttatgc	aattgccaaa	aaattaggtt	caaaagatgt	cgtgataaag	360
gcacaggttt	tagctgggtg	tagaggaaaa	ggaacatttg	aaagtggcct	caaaggagga	420
gtgaagatag	ttttctctcc	agaagaagca	aaagctgttt	cttcacaaat	gattgggaaa	480
aaattgttta	ccaagcaaac	gggagaaaag	ggcagaatat	gcaatcaagt	attggtctgt	540

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gagcgaaaat atcccaggag agaatactac tttgcaataa caatggaaag gtcatttcaa 600
ggtcctgtat taataggaag ttcacatggg ggtgtcaaca ttgaagatgt tgctgctgag 660
actcctgaag caataattaa agaacctatt gatattgaag aaggcatcaa aaaggaacaa 720
gctctccagc ttgcacagaa gatgggattt ccacctataa ttgtggaatc agcagcagaa 780
aacatggtca agcttttacag cctttttctg aaatacgatg caacctgatg agaaataaat 840
ccaatggtgg aagattcaga tggagctgta ttgtgtatgg atgcaaagat caattttgac 900
tctaattcag cctatcgcca aaagaaaatc tttgatctac aggactggac ccaggaagat 960
gaaagggaca aagatgctgc taaggcaaat ctcaactaca ttggcctcga tggaaatata 1020
ggctgcctag taaatggtgc tggtttggct atggccacaa tggatataat aaaacttcat 1080
ggagggactc cagccaactt ccttgatggt ggtggtggtg ctacagtcca tcaagtaaca 1140
gaagcattta agcttatcac ttcagataaa aagggtactgg ctattctggt caacattttt 1200
ggaggaatca tgcgctgtga tgttattgca cagggtatag tcatggcagt aaaagacttg 1260
gaaattaaaa tacctgttgt ggtacgggta caagggtacac gagtcgatga tgctaaggca 1320
ctgatagcgg acagtggact taaaatactt gcttgtgatg acttggatga agctgctaga 1380
atggttgtaa agctctctga aatagtgacc ttagcgaagc aagcacatgt ggatgtgaaa 1440
tttcagttgc caatatgatc tgaaaaccca gtggatggct gaagggtgta aatgtgctat 1500
aatcattaag aatactgtgt tctgtgttat tgttcttttt ctttttagtg tgtggagatt 1560
gtaattgcca tctaggcaca caaacattta aaaggatttg gactgcattt aattgtacca 1620
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agccagtctt ttttgcttct cctacaaaac gtaacttgca atttgccagt ttattattgt 1740
tggtacaaaa gttcttcatt gataagagtc ctataaataa gataaatacg aagataaagc 1800
tttattcttt agtggttaaaa tacagtatat ctaataacta gcctcattag tagagcagta 1860
tattaaaaca atgttttatg taaaaagtgt ttatcttcag caccaaatac atgataaatg 1920
tatcaatcac tatttataaa cagagctttc aaacactcct cagaatattc ttctaagtat 1980
tttgatgaag taactttgta attatttgaa cattgtttta atcattagga aacactgatt 2040
aactgcaagt cttcatgatt ctgtcatatt aagaaacacc tgtagggttg cttcaaataa 2100
aggcatatat accaaggact tacagacaaa attaagaatg tcaatttaag ttaataaaaa 2160
tctcccaata tgaaaaaaaa aa 2182

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<210> 7809
 <211> 669
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (662)...(287)
 <223> similar to gi3171874 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7809
ttttttttac tgagaaactg cagccatttt tcagtcacgc acggctgata tttattatgt 60
ttattcataa tttgattgct tgtttgtgca gtgcttagtg gacagcacat ctcaggaggc 120
ctcccagagg cctgggggtg aatacgggtca tggaccatac aggaagcttc accagactgg 180
gaggetgagg gccttccccg agcctttctg ctgataggga aggcagagaa actgagagca 240
tcaccatttc ttcagttagt gctttctcct ttctgtaatt cctgttagtc atcatcatca 300
tcatcctctg gaacaaaaat gtcatgttcc tcaagtagag cagcaaagtt cttgctaattg 360
agtgtcccgga catagagaaa ggggatcaca atggagaaca cacggagaag gccgaaggac 420
attttcaccg gtttgggcaa aatggcgccg ctgcggttaa cgatgactga cctcgacggg 480
accaggctcc ggcctgagcc gctccatgcg gcggagacat cgccatcttt cctcaagcta 540

```

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ggcccgctcc ggagagcccc ggacctgacg ggtgccaata ctagccagcg agccgctccg 600
gacgccatgc cccagctcc gccctcacc cgggcacccg caccaccg cccagccctc 660
gtgacgaaa 669

```

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<210> 7810
<211> 1652
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1455)...(1264)
<223> similar to gi299471 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7810
atggaacatt tccattacgt ggaatacacc aaagtcaaga tgccctatgt acctgtccaa 60
aactacccca tcaaggctct tttcagattg atgaatttgt ccacactgaa agttcttcaa 120
cgaagatgca gctagtaaac cagaggcttg aaactgtcac agaggtgata cgttcctgtg 180
ctgcaaaaagt caacaagaat ctctcattta cttggccacc agcagtttcc tcacaacagt 240
ctaagttaaa gcagtcaaac atgctgaccg ctcaagagat tctacatcag tttggtttca 300
ctcagaccgg gattatcagc atagaaagaa agccttgtaa ccatcaggta gatacagcac 360
caacggtagt ggctctttat gactacacag cgaatcgatc agatgaacta accatccatc 420
gcggagacat tatccgagtg tttttcaaag ataatgaaga ctggtggtat ggcagcatag 480
gaaagggaca ggaaggttat tttccagcta atcatgtggc tagtgaaaca ctgtatcaag 540
aactgcctcc tgagataaag gagcgatccc ctcttttaag ccctgaggaa aaaactaaaa 600
tagaaaaatc tccagctcct caaaagcaat caatcaataa gaacaagtc caggacttca 660
gactaggctc agaatctatg acacataaag aattgaagaa aagttaagag ctgccgaaat 720
gcacagaggt gaaaatgaca aaccaaattg aatttctctt cagagttcag aattttcaga 780
tactaaggag gaagaaagga tccactactt cttgttctta tgaatgactc tagaaaaatc 840
agaatcaagt tgtgggtgga aaaatcaacg tggcctttga gttcagttgt tataaaccat 900
tgtgactatt gttggtcaaa gtattggtac ttatattggt agtaattgca tcataattac 960
attaccagtg ttggaaaact aatgaagaaa acactgtaat tgctactcag caaatgtgaa 1020
taaaaggtgt ttgcgttatt aggatgtctg ttaagtaatc atttaatat atttatattg 1080
taatggttgt atgtgtgatg ctatgccag aatatgaagt atctgttttt gaaattcact 1140
ttatttaaaa gataagcagc tgactgggca cgggtgcctc tgccgtgtaat cctagcacct 1200
tgggaggctg aggcagggtg atcacctaag gtcaggagtt caacaacacc agcctgacca 1260
acatggtgaa accccatctc tactaaaaat acaaaaatca gccgggtctc atggcaggca 1320
cctgtaatcc catctactga ggcaggagaa ttgcttgacc caggaggcag aggttgagc 1380
gagccaagat cagccattg cactccagcc tgggggacag agcaagactc tatctccaaa 1440
aaacaaaaaa gataagcagc tttagaatat ggcgcattca aaacagtctc agtaacaaag 1500
acattaaaag aaaacaattt actttctaata taaaattttg tgtttcttaa gatcaaatca 1560
tataggtaac ttcatagacc taaattaaaa gtgatttttg gctggactgg caacaatgtt 1620
cccaatgtct ttacttttta aaaaaggctt tt 1652

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<210> 7811

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<211> 944
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (30)...(482)
 <223> similar to gi4894941 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7811
 cggaattgt tcgcttttagt gccggcgcca tggggtcgga gctgatcggg cgcctagccc 60
 cgcgcctggg cctcgccgag cccgacatgc tgaggaaagc agaggagtag ttgcgcctgt 120
 cccgggtgaa gtgtgtcggc ctctccgcac gcaccacgga gaccagcagt gcagtcagt 180
 gcctggacct tgcagcttcc tggatgaagt gccccttggg cagggcttat ttaattaaac 240
 tttctggttt gaacaaggag acatatcaga gctgtcttaa atcttttgag tgtttactgg 300
 gcctgaattc aaatattgga ataagagacc tagctgtaca gtttagctgt atagaagcag 360
 tgaacatggc ttcaaagata ctaaaaagct atgagtccag tcttccccag acacagcaag 420
 tggatcttga cttatccagg ccacttttca cttctgctgc actgctttca gcatgcaagt 480
 aggtatttca tttaaacttc agaaaagtta ccaatttaca agtgggtttt tcatccccaa 540
 ggaatacttc taacttagtt gatatcaatt cagagcatat tttcccctag aaataatatt 600
 aggaatattg gccaaagtgc tatattccca gtttatccca taatgtagct aacaacttgg 660
 aactagtgtt gccagaattc cactagcaaa tagcagctgt atatatatgc tgggaattct 720
 gatttcagtc tgccttttgt aagagatgat atctgtcatt aaaacagtct tcacatgtga 780
 tttttctgct catatttttt aaaaagtact ggttgggcca ggcgtggtgg ctccgcctg 840
 taatcccaac actgggagggc agaggcagga ggactgcttg aggcaaggag ttcaagacta 900
 gcctagacag cataataaga cccaatctc ttaagaaata aaaa 944

<210> 7812
 <211> 1902
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (381)...(1386)
 <223> similar to gi736727 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7812
 ccacacacac cacacacaaa gagtgcatt gagagccttg ggccaggacg ctagaagata 60
 gggatgtagt tgtcgatttt ggcgcggttg cgctgggcca tacattcagc gatccacacg 120
 atgttgcgac actcctgctc cttgagcttc acgaaggcat agaagacacc aaagtggaaac 180
 tggttcagga aggccaactt gttcagcttt acctcgtgct caaagaatcg gtcctccagc 240
 gtcttgtctg caccaggttg aggtagtcgg cctggctgag caccgccggc ttcaggccgc 300
 gcaccagtcc ctccaagtag ccattgtcca cgttaaagta aagctccggg aagaacgaca 360
 tggctgctgc gggagcggcg ggactggtgc gcggcctgaa ggccggggtg ctgagccagg 420

cgcactacct	caacctggtg	cagtgcgaga	cgctagagga	cttgaaactg	catctgcaga	480
gcactgatta	tggtaacttc	ctggccaacg	aggcatcacc	tctgacggtg	tcagtcactcg	540
atgaccggct	caaggagaag	atggtggtgg	agttccgcca	catgaggaaac	catgcctatg	600
agccactcgc	cagcttccta	gacttcatta	cttacagtta	catgatcgac	aacgtgatcc	660
tgctcatcac	aggcacgctg	caccagcgct	ccatcgctga	gctcgtgccc	aagtgccacc	720
cactaggcag	cttcgagcag	atggaggccg	tgaacattgc	tcagacacct	gctgagctct	780
acaatgccat	tctggtggac	acgcctcttg	cggctttttt	ccaggactgc	atttcagagc	840
aggaccttga	cgagatgaac	atcgagatca	tccgcaacac	cctctacaag	gcctacctgg	900
agtccttcta	caagtctctg	accctactgg	gcgggactac	ggctgatgcc	atgtgccccca	960
tcttggaagt	tgaagcagac	cgcgcgcct	tcatcatcac	catcaattct	ttcggcacag	1020
agctgtccaa	agaggaccgt	gccaagetct	ttccacactg	tgggcggctc	taccctgagg	1080
gcctggcgca	gctggctcgg	gctgacgact	atgaacaggt	caagaacgtg	gccgattact	1140
acccggagta	caagctgctc	ttcgagggtg	caggtagcaa	ccctggagac	aagacgctgg	1200
aggaccgatt	ctttgagcac	gaggtaaagc	tgaacaagtt	ggccttcctg	aaccagttcc	1260
actttggtgt	cttctatgcc	ttcgtgaagc	tcaaggagca	ggagtgtcgc	aacatcgtgt	1320
ggatcgctga	atgtatcgcc	cagcgccacc	gcgccaaaat	cgacaactac	atccctatct	1380
tctagcgtcc	tggcccaagg	ctctcaattg	cactctttgt	gtgtgtgtgt	gtgtgtgtgc	1440
gcgtgtgtgt	gcgtgtgtgt	gtatgtggtc	tgtgacaagc	ctgtggctca	cctgcctgtc	1500
cggggtgtag	tacgtgtctc	tagcggctgc	ccagttctcc	tgaccctctt	agagactgtt	1560
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cactttcatg	ttcctcccta	actccctgac	ctgagaaccc	tggggcctgg	gggcagtttg	1740
agcctcctct	cccttctgtg	ggtcgctccc	agagccatgg	cccatgggaa	ggacagagtg	1800
tgtgtgtcct	tggggcctgg	ggggatgttg	ctcctcagct	ccctccctca	gccctgcccc	1860
tctgagacaa	taaaactgcc	ctctctaagg	ccaaaaaaaa	aa		1902

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<210> 7813
<211> 762
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc feature
<222> (1)...(763)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (639)...(378)
<223> similar to gi642605 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7813						
taaaaagggc	cccccttttt	tttttttttg	tccctaaata	gcatgcggtt	atgacgctgg	60
ctcactttat	ttttggcccc	aggtcaggtc	tcccaaagg	tttcccagca	gtcacttcag	120
agtctcctgc	agagtcacca	tcaagcagac	ctcttcctcg	ggaggccgtg	tgccacccc	180
aacccttgac	ttctggtatc	accatctcct	gtcacctggg	ctccagtcct	tgtccgatgg	240
cctcaacagg	acatcaaagc	atagctacca	gtttgaagg	gccctcaggc	ttggcaggaa	300
ccacgtggac	aaaagtcttg	tagagcacag	cacccttggg	cagcctggtg	atcagatcca	360
cagcctccgt	gtttctggga	tgaggcacgt	agacctcctt	aqtgtagcgg	actatcccct	420

```

cttccagggc atacagacat ttattcttcc caacacccac atgggcacct ggggtgccagc 480
ggaaatggcg ctgtgttgca atgatgttcc cagcatgaac atagtgaacct tccattttct 540
taatgccttg gcgtctgcct gatgactttc caccgagggt tttggagcta ccaccgact 600
tcttggaatgc gtatctgaca gcaagagctg tagccggagt ggggcttagc aaggatgtaa 660
cggtgtgccg ggtcctcagc gccaacacca ccgacgccat gccggacgcg tgggtcgncc 720
cggaaggcc gtcgatgtcc gcacgcgatc aatnggaccc ac 762

```

```

<210> 7814
<211> 3021
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (527)...(2435)
<223> similar to gi4868122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7814
tttcgtatga gaggtgtgt gagtttctgc agccgcgcgc agaggagacc tcagcatcat 60
ctagagccca gcgtggccc tgccctccgc tgcccgccgc ccgcgcgcgc cgtttctgtt 120
cctgtacttg tcccacctaa acaactcccg ttacacggac aagtgaacaa ctgtggctga 180
cctctccttt tcttctctct cttccaactc cttctcctcc tcccacttcc cagccgcagc 240
agaaagcccc caacccaact gacactggca caactgcaaa cgggtgtcatc cgcacaactt 300
tatctcgctc ctcggtctcc cctaaggcat tggaccatc gccgcgtctt ttattttttg 360
caaagttgca togtgtgaca tattttttgt cccgccacct ccctctgtct ctggagtgcc 420
ctacagcccc gcaaactcct cctggagctg cgccttagtg ccctctgtgg gcagtggcgt 480
tcccccccat cctccgcgc ccagcccctg ctgctctggg cagacgatgc tgaagatgct 540
ctcctttaag ctgctgctgc tggccgtggc tctgggcttc tttgaaggag atgctaagtt 600
tggggaaaga aacgaaggga gcggagcaag gaggagaagg tgccatgaatg ggaaccccc 660
gaagcgcctg aaaaggagag acaggaggat gatgtcccag ctggagctgc tgagtggggg 720
agagatgctg tgcggtggct tctaccctcg gctgtcctgc tgccctgcga gtgacagccc 780
ggggctaggg cgctggaga ataagatatt ttctgttacc aacaacacag aatgtgggaa 840
gttactggag gaaatcaaat gtgcactttg ctctccacat tctcaaagcc tgttccactc 900
acctgagaga gaagtcttgg aaagagacct agtacttct ctgctctgca aagactattg 960
caaagaattc ttttacactt gccgaggcca tattccaggt ttccctcaaa caactgcgga 1020
tgagttttgc ttttactatg caagaaaaga tgggtgggtt tgctttccag attttccaag 1080
aaaacaagtc agaggaccag catctaacta cttggaccag atggaagaat atgacaaagt 1140
ggaagagatc agcagaaagc acaaacacaa ctgcttctgt attcaggagg ttgtgagtgg 1200
gctgcggcag ccggttgggt ccctgcatag tggggatggc tcgcaacgct tcttcattct 1260
ggaaaaagaa ggttatgtga agatacttac ccctgaagga gaaattttca aggagcctta 1320
tttgacatt cacaacttg ttcaaagtgg aataaaggga ggagatgaaa gaggactgct 1380
aagcctcgca ttccatccca attacaagaa aaatggaaag ttgtatgtgt cctataccac 1440
caaccaagaa cgggtgggcta tcgggcctca tgaccacatt cttagggttg tggataacac 1500
agtatccaga aaaaatccac accaagttga tttgagaaca gccagagtct ttcttgaagt 1560
tgacagactc cacagaaagc atctgggagg acaactgctc tttggccctg acggcttttt 1620
gtacatcatt cttggtgatg ggatgattac actggatgat atggaagaaa tggatgggtt 1680
aagtgatttc acaggctcag tgctacggct ggatgtggac acagacatgt gcaacgtgcc 1740
ttattccata ccaaggagca acccacactt caacagcacc aaccagcccc ccgaagtgtt 1800
tgctcatggg ctccacgatc caggcagatg tgctgtggat agacatccca ctgatataaa 1860

```

catcaatttta	acgatactgt	gttcagactc	caatggaaaa	aacagatcat	cagccagaat	1920
tctacagata	ataaagggga	aagattatga	aagtgaagcca	tcacttttag	aattcaagcc	1980
attcagtaat	ggtccttttg	ttggtggatt	tgtataccgg	ggctgccagt	cagaaagatt	2040
gtatggaagc	tacgtgtttg	gagatcgtaa	tgggaatttc	ctaactctcc	agcaaagtcc	2100
tgtgacaaag	cagtggcaag	aaaaaccact	ctgtctcggc	actagtgggt	cctgtagagg	2160
ctacttttcc	ggtcacatct	tgggatttgg	agaagatgaa	ctagggtgaag	tttacatttt	2220
atcaagcagt	aaaagtatga	cccagactca	caatggaaaa	ctctacaaaa	ttgtagatcc	2280
caaaagacct	ttaatgcctg	aggaatgcag	agccacggta	caacctgcac	agacactgac	2340
ttcagagtgc	tccaggctct	gtcgaaacgg	ctactgcacc	cccacgggaa	agtgctgctg	2400
cagtccaggc	tgggaggggg	acttctgcag	aactgggtaa	ccctgaaaag	gtttgctcag	2460
aacatccttt	gctggccaac	tgcactgact	ccagaaagag	acttctaagt	gtaatcagag	2520
agcaaagcat	atgctgtctg	ccccctggaa	gcaagaggaa	ggaagaatcc	aagggaagttt	2580
atatggcgga	tattccaccc	aaccaaatac	caaaactgac	tgttcctttc	tgttgcaactg	2640
gagttgcttg	agcctctagt	tctccccctc	aggctgggcc	actcccatgt	tgagatccta	2700
ccttgaaagga	tgggaacatg	agagctttgg	agggcctctg	tagagaatgc	tcctgtgaag	2760
cagagatttc	aaaggactaa	aatcttcatt	ttaaataagag	ttaattttgc	aaagggttgc	2820
aattgtttct	catgatctct	gcttctctag	aaatgtctct	cattctctgc	tgagttcagg	2880
tctccaaata	actatgggtg	taaaagcctg	tttcctactt	gcataatttat	ctttcagatc	2940
atthttgtaac	tatctccctc	cttttttccc	tcgcttccct	tattcagcaa	atatttgggtg	3000
gtctcatgct	cagtcttggt	t				3021

<210> 7815

<211> 3139

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

$$\langle 222 \rangle \quad (309\bar{6}) \dots (1502)$$

<223> similar to gi32354 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7815

ttttttggag	cgaggataca	gaagatttat	tcgaagtcca	ggtacagact	ggccaacctg	60
cctctacagc	gtccacagcg	aacacagggc	tagacaaggg	aggagtttct	caaacggttt	120
taatcggttc	tctccgcgtc	acaagccatc	gggtaaggca	acggaatgtg	cgtgggggcc	180
cctgtggctc	cgcggtcaca	atactgagcc	tggaattgct	gttagcaaaa	tatacatttg	240
tgtcaccata	aaaaaccgcg	ccgcgcgcc	tcgggtctca	caacagggtat	aaaaaattat	300
aaatattttac	acccttgtta	cacgctttta	cggaaggggg	atcctaggag	agcccccggg	360
acaggacgcg	ggggcggtag	aaagagcaca	gagaagacag	gaggagcgcc	cgcttccgg	420
gtcccagcat	cagaggcagg	caaaacacag	aaatgagact	ttggtccaaa	atttgaagga	480
agaaaaaac	ctgaagtttg	agagcaagtt	ttctaggcga	ctgcagggtga	aggcgtggtg	540
taaggcaacc	ggaggcgatg	ccagaggcgg	cgacacgccc	gccccttccc	tgaagctcag	600
gggctctaag	ataggaccgg	ggctccctgt	gcctgaccca	ctgggcggcc	ccgcctgctc	660
tctggaaact	gggtcctgcc	tgtgacttaa	ttacaaggaa	taaaataaaa	gtaacagcat	720
acaaggtaat	accacaagga	agtttagatt	acactcatac	cattgtatca	tcttgctata	780
aaaagtact	taaaactatt	tcttttgcat	ataaatgaaa	aaagattaga	atatttggtc	840
aactggaaat	attgctaggc	acgacgtct	gcaactgcaa	tgtataaat	acagagatta	900
tgtcgaccag	ctccgcagct	ggagcagcgg	ggagcccgcc	tggtgggcaga	agggaaggcc	960
ctggggggcg	ggtgaaggga	gaatcacgtg	acttgattag	agggctgggg	ttggggtatc	1020

cgagcgcg	cgccgcgc	ccagctgcat	gatcctgcag	gagccggcca	ggccccctgc	1080
ctctctctgg	tgtgaccccc	tcaccccttg	ggcccccagg	acaccccg	tgggtgtgtg	1140
gctgcaggaa	ggcaggtttt	ttaaggcaca	aggaagccaa	gtcgtggtcg	gggcgcccac	1200
ctgcaggccc	cacgcccga	acaggcccca	ccaaggcatg	gccccgagg	tctggccccg	1260
ggtgtggagg	gccgggaact	cccgtgcc	cagtaccaa	gagcctgagc	tgtccctgtc	1320
accgcagggt	gagcaagg	aactagattt	aattttttta	aaaacaggta	aactgatttc	1380
tctttaaaaa	aataaaatct	ctgggtctgt	aaggtcactt	cagctgtttt	taaagtggct	1440
tttctctgga	atgatggaag	ttgtgcgcag	ggggcccg	cgtggggggc	tgtgccccta	1500
gatggtggac	ttggagaagg	agaccccg	gtggtggttc	tccccgagg	cgtggttgtg	1560
caggtcaatg	agggctctga	ccgcctctc	cacggagccc	atctggatca	gtgccatctt	1620
gcggtccctc	tggagaagat	tgaatccttt	gacgacgccc	ccattgctgg	aaaacaggac	1680
cttgagatcc	tcctcgga	ctgagggcg	gatgtggag	aggtgcagc	tggccgagg	1740
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catggccagc	tgggcctgg	tgcctccgc	catctgca	agggcgttct	ccttcttatt	1980
gaacaggatc	ttcacgcgct	gcacgtcacc	gtagacgccc	aaaagaataa	agaggctttg	2040
gggtgtgact	ctctctgggt	tgaggttgct	gaccagcaat	acagaatttc	ctgcccccg	2100
caggccccgg	atggcgatcc	gacctgccgc	cgcagctgcc	gccgccgccc	aggggatggc	2160
cagggggggc	agggcgccgt	ggacgttcgg	aacggaaagg	ccgaaggccg	cggccatggt	2220
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cttgctattg	ttgtacttga	cgttgaggct	ggtgagcttg	gaaaagtcca	tgcgcagcgt	2340
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caacactgtg	ccgaacttg	agaaaatctg	gtgcagcaca	tccagggtca	cagggtagaa	2520
gaggttctcc	acgatgatcc	tgagcacggg	gctctgcccg	gccatcgcca	tccttgcac	2580
cacggccgcc	gccgaggcag	ccaaggccag	gttccccgac	tggaccgagt	tcaccgcctg	2640
cagggccgcc	tgggcccgcg	cctggttg	agagctgtcg	gtcttcagct	ccttgtggtt	2700
ggagaactgg	atgtagatgg	gctggccgcg	cagcacagg	gtcaccgagg	tgtagtagtt	2760
caccatggta	ttggcagcct	cctccgtgtt	catctcgatg	aaggcctggt	ttttcccctt	2820
cagcatcagg	aggttgggtga	ccttcccaaa	gggcagcccc	agggatagta	cttccccctc	2880
cgtgacgtcg	atggggagct	tccggatgtg	gatcactcta	gaggggacgc	ctgcacttcg	2940
gctgtcacct	ttgaactctt	tgtgtcatt	tccgtttgct	gcagaagccg	agttgctgct	3000
catgataaac	ggtccgttag	tgacacaagt	agagaaaagc	tcgtcagatc	cccgttttgt	3060
accaacggct	atatctggga	caatgccgtc	catggcacac	agagcagacc	cgcgggggac	3120
ggagtggagc	cgccggaat					3139

```
<210> 7816
<211> 1226
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1055)...(396)
<223> similar to gi4929681 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7816
 tttttttttt ttgaattcaa caagtattta ttgagtgtct attatgtgct agatactgaag 60

acacatcaga	gaacaaaacc	aaaagccctg	cccttgctcg	gcttacagtc	tagcacttac	120
cgccagttaa	cctgcaggct	acctggagcc	ccgggcaagt	caccgcacct	ctgtgcctcg	180
gtcctcagct	gcccgaatggg	agaataagca	gacctggctc	agacatgaat	catgtgcttg	240
gtgtactgca	gatgccaaac	tgcaccccca	caaccaccca	cgtagacagc	agacagggct	300
ggaagttgat	ttttaatgat	aaagtacaat	gaagggaggg	cagaggggct	aagcctagct	360
gtctgggggtg	ctgtgggtgt	ggtagactgg	ctacacaaac	tgttgctgct	gctgctgctt	420
cttggtggcc	gccttgctgg	cgaggtcctt	ggccttctct	gtagctgcca	gtgccgtctc	480
ctttgccttc	tccttggtct	ccttggtctg	ctcaacaagt	gttttggaag	gggcctcgcc	540
ttgcagctta	gccaagatat	attcaaaacc	cttcatagtc	ttggtcacgt	tgcttttgaa	600
ccgggcaaga	ccaaattcct	ggacagctct	ggagacacca	aataagctag	aggagacca	660
ggcttcccgg	cggaatttcag	tccagccact	gttgctcagag	ttcacacagt	aaacacatcg	720
ttcctccacc	accatcagcc	gggcgtgggt	gatgttccag	gtgaaggtag	tcatgggtctg	780
attctgtggg	tccacaatag	agtcctccag	gacgtacacc	gagtgaagcaa	cattggcagg	840
aaatagtcgc	tcggcccagc	gtggcatcct	gttggtcttg	gtcaggagtc	gccgggacag	900
cagtttctgg	tcaggggtca	cctcccgggt	tactatgtct	tccgtcaaga	catgtttgct	960
atagggattc	gggtaccgct	gccagaaggc	ggcgaacact	tgggtcccagg	aactccggag	1020
cacgctctgg	cccaggaaat	acttcaccat	cgtcccggcc	gaagcgggct	cagcaccgcg	1080
gcagcatcag	gggtgcggag	cctgggaggc	acgcgagggc	cgggccgggc	cggggtctcg	1140
cgcacaccgc	ccgccaggct	cgtagctcag	tcaccaccgc	accgcgcca	agcagctgcc	1200
gccgccgccc	ccgccgccat	gagttg				1226

<210> 7817
 <211> 1206
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1097)...(731)
 <223> similar to gi2764974 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7817						
tttttttttt	ttctgggttg	ggttttttca	tgggtttttg	ttttgtttat	ttcgaataact	60
gaaaaagtc	tttgggtct	gtgggggtcc	ccacgctcac	ggctcctttc	tcccacactc	120
actgcccttc	ttcccacagc	aaatctat	caaggacagt	actttttaaa	atgattaatg	180
ttgagttctc	aactagctct	gcagaactag	aggagctggt	tgcacgtgct	tgtgcggatg	240
gagtttcttt	tatctgacac	caggtctcca	accacactga	aacaaggcat	ttatctacag	300
agctcaacta	gaaccccttt	tcattaggct	actccaactc	cttccccctc	tacctacccc	360
acatcagcca	cgtgggttaag	aaggatagtc	aggaatgttt	ttaccaactc	caagccctaa	420
ttcatactcc	tccatatctc	ccaccccacc	ctttcaaccc	cacccccacc	cccagaattt	480
cattgatatt	tctcccaact	gttatttgga	aaaaaggtaa	aacaaaaaag	gttcaaggtc	540
ttggtgctca	gcccgaaggg	ctccatgtgc	tgggacacca	acaggaaagg	gcttctgcct	600
ctccagccca	cacccgagcc	acctcctgac	ccctggctgc	aaaagcagga	aggggcagga	660
gccagcacag	gacccgggtg	gggcaggagg	gggaagcgtc	tcaggatctg	gcagagcccc	720
gggcagcatc	attcaacttg	gccacccgca	agcttgctgg	tgacgagcga	ggactttctc	780
tggggcagat	cctgtggggg	ggggatgtga	tcaccagtca	ccaggttctt	gtctggtcct	840
gcacttgga	gctgcttatt	cttcatcttg	gctttggcca	tgttgtagtc	tcctgagtca	900
aagtactttt	gccctttctg	gagtctcttc	atgaggaagt	cggagcctcc	aggcttttgt	960
cctaggcttg	ggtatttggc	ctttagcttt	gcctcttcag	ctctctcagg	cagaatacct	1020

tctttctcct	gcgtgtcctg	cttctcctcg	ccggtctcct	ccgcagggtt	ctctttcttct	1080
tgtttctggg	acatggcggg	accgggactg	tggagtgtaa	ggggcccggg	aaggcaaccg	1140
gagaagggaa	gggggagggg	aaacggggac	aacctgcgct	gctgcttcgg	ctcctgtcac	1200
tagggt						1206

<210> 7818
 <211> 1260
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (81)...(912)
 <223> similar to gi4050096 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

007210-5228460

<400> 7818	
tgcgcgtgcg	cagggataag agagcggctt ggacagcgcg tggccggcgc cgctgtgggg 60
acagcatgag	cggcgggttg atggcgcagg ttggagcgtg gcgaacaggg gctctggggc 120
tggcgtgct	gctgctgctc ggcctcggac taggcctgga ggccgcccgc agcccgttt 180
ccaccccgac	ctctgcccag gccgcaggcc ccagctcagg ctctgcccac cccaccaagt 240
tccagtgcg	caccagtggc ttatgcgtgc cctcacctg gcgctgcgac agggacttgg 300
actgcagcga	tggcagcgat gaggaggagt gcaggattga gccatgtacc cagaaagggc 360
aatgcccacc	gccccctggc ctccccctgcc cctgcaccgg cgtcagtgac tgctctgggg 420
gaactgacaa	gaaactgcgc aactgcagcc gcctggcctg cctagcaggc gagctccggt 480
gcacgctgag	cgatgactgc attccactca cgtggcgtg cgacggccac ccagactgtc 540
ccgactccag	cgacgagctc ggctgtggaa ccaatgagat cctcccggaa ggggatgcc 600
caaccatggg	gccccctgtg accctggaga gtgtcacctc tctcaggaat gccacaacca 660
tggggccccc	tgtgaccctg gagagtgtcc cctctgtcgg gaatgccaca tctcctctctg 720
ccggagacca	gtctggaagc ccaactgcct atgggggttat tgcagctgct gcggtgctca 780
gtgcaagcct	ggtcaccgdc accctcctcc ttttgtcctg gctccgagcc caggagcgcc 840
tccgcccact	ggggttactg gtggccatga aggagtccct gctgctgtca gaacagaaga 900
cctcgctgcc	ctgaggacaa gcacttgcca ccaccgtcac tcagccctgg gcgtagccgg 960
acaggaggag	agcagtgatg cggatgggta cccgggcaca ccagccctca gagacctgag 1020
ctcttctggc	cacgtggaac ctogaaccgg agctcctgca gaagtggccc tggagattga 1080
gggtccctgg	acactcccta tggagatccg ggggagtagg atggggaacc tgccacagcc 1140
agaactgagg	ggctggcccc aggcagctcc cagggggtag aacggccctg tgcttaagac 1200
actcctgctg	ccccgtctga ggggtggcgat taaagttgct tcacatcctc aaaaaaaaaa 1260

<210> 7819
 <211> 1035
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (1)...(1036)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (1016)...(257)
 <223> similar to gi3970866 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7819
 gaggcgcgg tagtgaaggt gggaagtgtt ggagcaagcg tcaactggcgg tgagaagggg 60
 gcggtaggtt tttgctttaa ccaactgagt ctcccttacc ttccaatcta aggaccagct 120
 aagacgatga agtggaaggg tgccagancc gcccctcctg ctccctatgc tgtgaggcag 180
 cccctttcca tcaactggcct ctgcttccct ctccccattc cgctgccag ggctgctctg 240
 cagacccagc tgggtgctgg tcgggaagcc agagcccggg cctccccga ctcaccatta 300
 ctgtggtttc ctgtttggag ggaggcaggg ggctgcaggg tgctgctcaa ggccccgtac 360
 ccgcggtaac tgtagttgag gccgccgttg gcgtacacag ggtcctggga gtaggaggag 420
 gctggcagtg agtaggtgga gtgggtgatg gctgcggagt cccgcgagtg ctgcttgctc 480
 agggctatgg gctcatcctg tgaggactgg tagatctcta gacgcatccg cttggctgcc 540
 tttcttgtct cgctctcaca ggcagctgcc aggatgtttt ctgccatggc cgaggctcaga 600
 tggggtggcg tgggtctggt catctccatg ccgttcttct tcatgcgacg gcaggacttg 660
 aggtacgtgc ggatgcgctt gcgggcccgc tcctggaact cagggaactg ccggctgcag 720
 gactcgatga tggcctggat cttctccttg ggctgcttgg agatgggcac catgcggtcc 780
 aggttctcgt ccacaaagag acgcacaaac atgttgaagg ccttaagacg ctcagggtcc 840
 atgccttcag agtcgttcat cttgtcattg tcctcatggt catcgtgggtc atcgtcgtca 900
 tcatctgccg tcgggggccg gccactgtc aggtcctcag ggcagccgct gacctcggtc 960
 ttgatggaat cgtatctccc agagctgtaa gggggggcct cgggggtgtc ttccccccgc 1020
 atttgacgcg gatgg 1035

<210> 7820
 <211> 1085
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1086)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (643)...(795)
 <223> similar to gi5306259 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7820
 cccccccaa gttttttttt ttcttttttt ttttttgtct agaaaaaagg cttttattgt 60

cccaggctgg	agggcagggg	cagaggtagc	tgacatcatt	gcagatgatg	ggctggcggc	120
tacgacagct	catgagagct	gcaaagcgtg	agacatccgc	aggcagttca	ggttctgggc	180
gaggtgggca	tgacagccgc	tttccctgcc	tagctgtccg	ccgagccctg	gccagccggc	240
gccgaagctg	ctcagagagg	ccaagcagga	actgaggggg	ccgagcacgg	gcacggtgcc	300
cacctccgtc	accccccttca	ctccctgtct	caggcagctc	catccagttg	tgaccaagt	360
cagcaaagca	attgtccct	agtaccaggg	gctggcgact	gcgacccctg	ttcagtaggg	420
ctgctgtcca	gtcctctgct	tccagtcctt	gccagtgtc	caggcaggcg	tctgggggtg	480
acttgggccc	tggatgggtg	acaggtggta	caactggctac	agggggccctg	ctgggcatgg	540
ggaggccact	gactgagagg	caactgcctac	gaaggggctg	tgctgagggt	gctgggcgct	600
gggatacagg	cagttcttcc	tctcgccatg	tgctgcctga	cacctccgag	aagccagagt	660
cccagtcacg	ggcatgtctc	ctggggcctc	ccaaggctgc	atccctgtct	tctgtcacca	720
ctgcttcctc	ctcctcctct	tctcctcctc	ccacacagca	gactgagtc	tcttccaagg	780
cacccgaggc	ccctaagctg	gtggctgggc	tgacatctg	ggccagtttg	ggaggttggc	840
tgacggggac	caggcattga	gggtgagcct	gtgtcccgac	cacacaacag	ttcccagcgg	900
agctggctaa	ggaagctgtc	aagccgagcg	ctgtgcatgt	ccatgccagg	gccccaccg	960
aacctactag	ctcctcttgg	aaccccgccg	gagccgcgcg	gagagggctg	ggagggcccg	1020
ccagcggcgc	cctcaggaat	tccnccgcac	tgtactaggg	tcttcgaggn	nnnnnnnccc	1080
cgctc						1085

<210> 7821
 <211> 2208
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (31)...(2101)
 <223> similar to gi4071357 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7821						
gcgggtggaat	tcgcggaggg	agcgctgacc	atggctccct	ggcctgaatt	gggagatgcc	60
cagcccaacc	ccgataagta	cctcgaaggg	gccgcagggtc	agcagccac	tgcccctgat	120
aaaagcaaa	agaccaacaa	aacagataac	actgaggcac	ctgtaaccaa	gattgaactt	180
ctgccgtcct	actccacggc	tacactgata	gatgagccca	ctgagggtgga	tgacccctgg	240
aacctaccca	ctcttcagga	ctcggggatc	aagtggctag	agagagacac	caaagggagg	300
attctctgtt	tcttccaagg	gattggggaga	ttgattttac	ttctcggatt	tctctacttt	360
ttcgtgtgct	ccctggatat	tcttagtagc	gccttcacgc	tggttggagg	aaaaatggca	420
ggacagttct	tcagcaacag	ctctattatg	tccaaccctt	tggtggggct	ggtgatcggg	480
gtgctggtga	ccgtcttggg	gcagagctcc	agcacctcaa	cgtccatcgt	tgtcagcatg	540
gtgtcctctt	cattgctcac	tggtcgggct	gccatcccca	ttatcatggg	ggccaacatt	600
ggaacgtcaa	tcaccaacac	tattgttgcg	ctcatgcagg	tgggagatcg	gagtgaattc	660
agaagagctt	ttgcaggagc	caactgtccat	gacttcttca	actggctgtc	cgtgttggtg	720
ctcttgcccc	tggaggtggc	cacccattac	ctcgagatca	taaccagct	tatagtggag	780
agcttccact	tcaagaatgg	agaagatgcc	ccagatcttc	tgaaagtcac	cactaagccc	840
ttcacaaagc	tcattgtcca	gctggataaa	aaagttatca	gccaaattgc	aatgaacgat	900
gaaaaagcga	aaaacaagag	tcttgtcaag	atttggtgca	aaacttttac	caacaagacc	960
cagattaacg	tcactgttcc	ctcgactgct	aactgcacct	ccccttccct	ctgttggacg	1020
gatggcatcc	aaaactggac	catgaagaat	gtgacctaca	aggagaacat	cgccaaatgc	1080
cagcatatct	ttgtgaattt	ccacctcccg	gatcttgctg	tgggcaccat	cttgctcata	1140

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ctctccctgc tggctcctctg tgggtgcctg atcatgattg tcaagatcct gggctctgtg 1200
ctcaaggggc aggtcgccac tgtcatcaag aagaccatca acactgattt cccctttccc 1260
tttgcatggt tgactggcta cctggccatc ctgctcgggg caggcatgac cttcatcgta 1320
cagagcagct ctgtgttcac gtcggccttg acccccctga ttggaatcgg cgtgataacc 1380
attgagaggg cttatccact cacgctgggc tccaacatcg gcaccaccac caccgccatc 1440
ctggccgcct tagccagccc tggcaatgca ttgaggagtt cactccagat cgccctgtgc 1500
cactttttct tcaacatctc cggcatcttg ctgtggtacc cgatcccgtt cactcgccctg 1560
cccatccgca tggccaaggg gctgggcaac atctctgcca agtatcgctg gtccgcccgc 1620
ttctacctga tcatcttctt ctccctgata ccgctgacgg tgtttggcct ctgctgggcc 1680
ggctggcggg tgctggttg tgctgggggt cccgctcgtc tcatcatcat cctggtactg 1740
tgcctccgac tcctgcagtc tcgctgcccc cgcgtcctgc cgaagaaact ccagaactgg 1800
aacttcctgc cgctgtggat gcgctcgtgc aagccctggg atgccgtcgt ctccaagtgc 1860
accggtcgtc tccagatgcg ctgctgctgc tgctgccgcg tgtgctgccg cgcgtgctgc 1920
ttgctgtgtg gctgccccaa gtgctgccgc tgcagcaagt gctgagagg cttggaggag 1980
gcgagaggag ggagagatgt ccctgtcaag gctcctgaga cctttgataa cataaccatt 2040
agcagagagg ctgagggatga ggtccctgcc tcggactcaa agaccgaatg cacggccttg 2100
taggggacgc cccagattgt cagggatggg gggatggctc ttgagttttg catgctctcc 2160
tccctccac ttctgcaccc ttccaccacc tcgaccggg aattccgg 2208

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```

<210> 7822
<211> 1015
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1016)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (913)...(192)
<223> similar to gi4929623 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7822
tttttttttt ttcatatctg catagtttta tttctttctc aattccacca gaaaaaggga 60
ttttcagaaa aaggcacagt tgtgcttcct ctaaagatgt agtctgcggt ttgggaagtg 120
ctggttcctt gaggttatct ggagcgcgtg ttgtaaagaa gaaagtctct gtcttggcag 180
agcaggcaga gtttcaggct tcggcagctg cctcccgcag ctaagaatgc ccagggtgcc 240
atgagcacca ggattataaa tgctgacgcc aggtttattc cataataaga acttatgaag 300
gtctgggctg acaccagcag gtgggtcagg agaacgataa ggaggatgcc ccactttttc 360
ttctcacagc catcaaaaaa tacaatgccc cagaatacat gcagcaagat aatgaccagc 420
gtcatgaaag ctgaataaag gaagaattga ggagaatctc catgaatgcc cactgtgcct 480
ggccccaagg agtcagatag ggtattcaca aaggaaaata ctccactcat gattccaaag 540
cccaagccag aaacataggc cagcagtcgc atagagggtg ctgtctcacc tgggtttata 600
ctcttcaaac cttcactggc tttttttaag agttttataat atgcaaactc gaacatttct 660
tgatataaga cagagacaaa cgctccaaag atcagcagat atttctgtgt tgggtccatct 720
ttgttgtcaa taatgactct tgccatgaac caaacaaggg acgaaatcag tagagacacc 780
aaccagaaga aagctccggc gatgaggaag atgatacgca acggctcggt ggcgatgggt 840

```

```

aagacataaa gggcgagcgc aggccgaag gcaatgaagg cgcagccgaa gaacacggcc 900
gcagtcattg ccaccgcgga aaccgacccg gggggccggt ggggacgcga gatgctcccg 960
gcgcggggcg gggtcgggtga attccaccgc nctggactag tgatctgcga tcaaa 1015

```

```

<210> 7823
<211> 2646
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2647)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2247)...(27)
<223> similar to gi4426607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7823
tttttttttt tttaagactc tgttatgatt ttattttcttc aattgttcca atcacagttt 60
ctaatacaga aataaaacta ttcagcgtct cgtttcttgc ttcattttgt ttcacagaga 120
tctgcatttc tgagtttcca ggctccaata gcagttctgt taagaacaga cagccagtat 180
catcctgagc actgaggtat gctttccatg gccgagaccc agccctactc attgcgatgg 240
tctggatggt cactacttga agagccatct ggaggggtgc aggatggaat tctccccgcc 300
aaggcaacac ttgctgatga gcaactttaa ggctaagcca agttttctca aaataatcag 360
cagtaagctg gcgattgggg actagcatga gggctccaga atcagggagt tcttgtacct 420
tctccttggt ctcttcagga atcaagggtc ctgatgcggc aaaggatgaa gttttaggaa 480
gctctgggtc acaacgctct gccccctggc atttagagat agttgcccag tgggctttgc 540
catacactgg caccagtgtg ttgaagtctg aggccagct attcacagggt ctttctgccc 600
gatcctccaa aagtccaaga gtagggctcag atttaggggt acacagaatc cgcttaactt 660
catcaatgcc aactaagagg aggcgataat agaagagacc tcgggtcccg acagccatat 720
ctttttcttc ctctatgcag taatacaaca aacgtcctag catgtcctgg cactcagcag 780
gtcgggagag gaaaaggcgc agcaaagcag tgagcagctc catcttaaca gctggaaatg 840
tttccgactt cacattctca acaaagtcct ctaacacata aggagcatta ggaattcttt 900
ccccatggac accaagtagc caaataagtg cttgcttccc ctactatct tgaatgttct 960
cttcacagcc gggcagggcc tgacatacag cttcagtaca ctgaggacac aaccaaacca 1020
ggtctcggaa agtctgcacc accactgtgg taatgtgctc ttgtcgaaga cccagcaact 1080
ctgttaaaat ctgaacacat tgatctgtgt aagtccctggc aatgccacct atggcaaaga 1140
tggcagcctg tgcaaagtcg gcagacacat ccgtgcagta ccctcgaagc tcctctagca 1200
cctgctgcac attctcatcg ttcaccagtt cacacagcac ctccactttc tgtagtttga 1260
tgtagtgggg ctccgagtag gagcaaaaaa actttttgta gtggctgcta aagtgaacct 1320
gtaaaactat caagatctgg cgtacatgac aaagagcaac aaaacagagc tcacggctct 1380
ctgaagaaca ggcagctagc aaaggctcct tgaccgcgac aaggacatca gtttgtacgt 1440
ggggaaacat ttttgccaag atcagaaaaa gtttggtagc tcccatcacc acacctgggc 1500
tactgctctt gaggaacta tccaacagat tgagaatgtc aaatagttct tcctcactgc 1560
ggggttggta gcgtagcaga aagttcaata cttcagcctg gccccattgg tccagttttg 1620
acattcgatt taagagatgg tgagcaatgg gcttattgat gacaacgcct ccttcctggt 1680
tcagaatttc ctctagagac ctcaagcagt tcacaactac aattggatcc tggtcacgca 1740

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gcaaactgta	taattcattt	accagggcac	catctacttc	agagtctcca	tgaagattat	1800
gcatcttggc	acatccaagg	actaccactc	tcctgacata	tgaagcctta	tcccgcagac	1860
cattgagaat	aggctgttgt	atatactcct	gcacaccagg	catcctgagg	ctacacatgc	1920
tccgtaacgc	cagccctcgc	accattggat	tgggggtctga	gcagtctttg	cacagcgtat	1980
tgatggccag	gagagccaga	tctgggtttca	gggggagcata	tgtgcacatg	tacagataaa	2040
ccaacttctt	ctggacaata	tctacagtgg	cactggcctt	caccatttcc	ataaaaaacac	2100
cagacatgtc	caagccttga	gtcatgtacc	taatcactcg	ctggatgaca	ttccggtagc	2160
gcagcctatc	agcttgaatg	tgaggattgc	acagagcctt	cttcagctcc	ttcaccacgt	2220
cctcggagcc	aaggtacggc	atcttcctaa	gagtcacagg	gcagctccca	cagctcccac	2280
ggtaactcga	gggctccttc	tcgtcctgat	gtgggagcca	tcggccggca	ggccgttcgc	2340
cccggcccaca	gacgcgtccc	gctacttcta	ggtcctccgc	cggatttcca	gcgcgcgctc	2400
cgactgaccg	cagacccctc	cctctccagt	tccagcctta	attccccctc	cacgcggttc	2460
tcatcgcgga	taggcccaat	cttgctttct	gcgggaagtcc	cgcccccttg	tcaagagacc	2520
aaacagaaga	gcgctgccgg	tctccccgcg	agcgagcgct	aagcgtagtc	ccgactccga	2580
ccttaggatg	cccttcacga	aatcgtcgac	ccgggacatt	ncnnacggtc	ctgcagtggg	2640
aggcat						2646

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<210> 7824
<211> 853
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (493)...(150)
<223> similar to gi286065 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7824	
tttttttttt	ttttgttgtt
caaggctcag	agaaaagttta
ggaggcaccc	atctcacacc
taatccgcgt	cgtcttcagg
tcataccttgg	ctgccgagaa
gagcggtagt	agaggagata
ccgtagtccc	tgatggtgac
cctgggaaga	ccagcagtgc
aaacccactc	agcctgagcc
tccatggaga	ctcccagttc
cgggggtgcag	gaggcctggg
ctttgtgagt	gaggggtttg
gatctgtgtt	cagttaaagg
tctgtacccc	acccacgttt
tctcgattcc	gct
gacatgttga	atattattaa
aaagggaccc	aagggtcaggg
ggactaaagc	cgtagccaac
ctaattggtga	ggacacaggc
atgtcagcag	gccgggtggtg
ctgcctgccc	gctgctggta
ctgagcgtgc	aggagagttg
tctgggaaac	tgcgagacac
ctgtgaaggc	ttggttggtg
atagcccagt	gctatgggat
ctatctggac	ctccatctcc
ccaaatctcc	attagtgcc
actagcagcc	tctaggtccc
tccgccacgc	tggtctaggg

<210> 7825

<211> 1092
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (351)...(900)
 <223> similar to gil808620 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7825

tttcgtctgg	agccgagcgc	cgcgcgcgaa	gcttccgtct	cgctcgctcg	cgcagcggcg	60
gcagcagagg	tcgcgcacag	atgcggggtta	gactggcggg	gggaggaggc	ggaggaggga	120
aggaagctgc	atgcatgaga	cccacagact	cttgcaagct	ggatgccctc	tgtggatgaa	180
agatgtatca	tggaatgaac	ccgagcaatg	gagatggatt	tctagagcag	cagcagcagc	240
agcagcaacc	tcagtcccc	cagagactct	tggccgtgat	cctgtggttt	cagctggcgc	300
tgtgcttcgg	ccctgcacag	ctcacgggcg	ggttcgatga	ccttcaagtg	tgtgctgacc	360
ccggcattcc	cgagaatggc	ttcaggaccc	ccagcggagg	ggttttcttt	gaaggctctg	420
tagcccgatt	tactgccaa	gacggattca	agctgaaggg	cgctacaaag	agactgtgtt	480
tgaagcattt	taatggaacc	ctaggctgga	tcccaagtga	taattccatc	tgtgtgcaag	540
aagattgccg	tatccctcaa	atcgaagatg	ctgagattca	taacaagaca	tatagacatg	600
gagagaagct	aatcatcact	tgtcatgaag	gattcaagat	ccggtacccc	gacctacaca	660
atatggtttc	attatgtcgc	gatgatggaa	cgtggaataa	tctgcccata	tgtcaaggct	720
gcctgagacc	tctagcctct	tctaattggct	atgtaaacat	ctctgagctc	cagacctcct	780
tcccggtggg	gactgtgatc	tcctatcgct	gctttccggg	atttaaactt	gatgggtctg	840
cgtatcttga	gtgcttacia	aaccttatct	ggtcgtccag	cccacccggg	tgccttgctc	900
tggaaggagg	aagacctgaa	catcttttcc	ctgtccttta	tttccacac	atcagggttg	960
cagctgctgt	gctttatatt	tgcctgtgt	taaagtctc	tcccaccca	gcacctacct	1020
gttctctaac	tagcaccccc	acatctctgt	tctaaatgtt	gttctctctg	aataaaggac	1080
gtttgaatta	aa					1092

<210> 7826
 <211> 1534
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1396)...(963)
 <223> similar to gi2344898 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7826

tctccaaggt	catcaatatt	tcatatcttt	gttttagtgcc	tttaaagaat	aaatatcagc	60
attacttttt	aaatggtttt	attttatgta	caaataatga	acatacgttg	taccataaaa	120
ttctactttc	caaaaacagg	agctttttta	aagaaaacca	cataacaact	tttaaaaggc	180
gctgggattc	ctctgcttct	agatcaatgc	tgggctagaa	aagtaaagtc	tgttctatca	240

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ggaatcacao gttggaactg agtattctcc aaagtggaaa ttctagagtg tagtgtcact 300
ccaggcgaag attattcagt tctcatcccc agcatccaca actacctatc agaagggtta 360
aaccagggtca aaacagtgcca gcataattag gcttcatcaa acaatgtcat tatgctcttc 420
taagatgcaa ataaaccaaa acaggaaata ctaaaataaaa aatatctgac actgccatac 480
aaattgttag ttcttttttg tatccccctt tctataacat taacaaaggg aatattttac 540
tgcaaagaat atttttatatt atacatcact agccatgaat ttttgccatt agttactata 600
caaatgctgc ctagtgccat tatccaaata gcacaacccat tttacgtcca caattcactt 660
ctatagttag aagtagaatt ttcatgattt acttaagtac atctatcagt aaagatttaa 720
cactgagatg caatctaaca tccgtaatat ctgatattat gtagatggca atgcaggaaa 780
gatgtctttt aatcgctttt catttaagtg accttatgta aaaaataaaa taatttagca 840
gttccaagta tccaaagggc attttcaaat gtacataaaa gaaatgggta cagagatttt 900
taaggagcat cttccatgtc cacatcctct tgtaactgct gtaccatttt ctcttccaac 960
tgtttccctt tgcttgcaag aggggctcgg ataagatgga tgttttgctt gacttctttg 1020
atatectgaa ctttctgtag ctctttatatt ttcttcaatc tgttcattat aaatttagct 1080
tggcgcttct gtttgatttc ttcaactctc ttcatcgcat caatagtttt attccatagc 1140
tctcgctggt atttgatagg ttcatattcta cgtttttcaa attcaaataa attatccact 1200
gtaagctctt taccagctgc ttcccggaat gcttttggtc accttaactt gcgaggattg 1260
cgcttctttt taaagttttt atgacattta gatttgcaaa atctgaacac cttgcaatcg 1320
ttgcggacga acatcatgcc gtgtccagga tagatggggc ccgaacagaa ataactctt 1380
tcgatacgca tggtgaaccc gcgtgtaacc ccaccaaaca aacgccaagc ttgagaggaa 1440
gtgatgcaac cccgtcaccg gaagttacct tcttccccct tccccgaccg gaaaaaggca 1500
agcgtccttc gttctcgcg gtctgttaga ccag 1534

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<210> 7827
<211> 2222
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1996)...(1529)
<223> similar to gi849238 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7827
ccatagtatc agttcaagct aagaaagcct taagaattca ataactcaaa atctctttga 60
gatttaaagt taaaaagtaa tatgtttcta ataatttcta atgtgcagga ttaatgacaa 120
ctgtattttg cattggcaaa ttatctcagc cagaagagat tcaaatgatt ttcgtcaatg 180
ccagtttata aactagcagc acatgtcaat gccaaagctt tgaatggatt ggctgagaaa 240
aattatatga gttagaaggg atctaagtgc tatactggtc actgattcta tttcacaaaa 300
gctaccattt ttaaaagctg aaaatgtaat tgggtgttgac aaaaacatgt taagttcaat 360
tactctgtat agctaaatat agaaaattgg ttaatgttta aagcaacttc ttatttggtta 420
agaagataat taaaaatagt taaaactgaa caattagcta tacttttata ttattaaaaat 480
ccaatgaatt taacaaatga aaccacagc aaaagagatg atataattca aggcatagat 540
ttgacatgtc agaatacgcc aaaaacaata aagatagcat cagtaaaaca gttgtaaaat 600
aagtaaacia ttttcaagtg tgcaaaacta gtcaggaata aaagtgtat gtgtggatac 660
ctgggttttc aaatatttgt ttcaaaaact ttcagctgga tgggtggaaa aactagaaaag 720
tattatataa gtaaaaattt taaagaatta tataaaaccc tactttatta tcttacatta 780
tgctcttggt atgtcacttg ctgaatctga ggcctattta attaccagat acaacacaaa 840
aggaggtaaa cacagtacat cacaaaggct gatttatcct gaaccgtaaa aaggctcctt 900

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ttcaaggatat acctgtggat ttgtgtttca tcttatatcc tcaggcacct ctaggctggt 960
gatgaatttg aaaaccggac aaccatgatt ttctataatt tctaataac atatttagta 1020
catcttgcat aactgccctt taggtaggtc aatatttggg aagcaattgt tacaggaaat 1080
aaaaacaatt taaattcatg aaagtaaacc ccatcactgc cacaatttaa ataatcattt 1140
taatgtgtaa atcctgaata tatcatgtta gaagatgaag tcgatgtatt tagcataatc 1200
tgtcttgga tatttgacgt gtagatgact aaaaatacac ttgtggtcgt ttcttcaactt 1260
tgtattttag cgacccttac cgcacctctt tgcggccttt ggtggttttc acagatttca 1320
tgctttgcga tcttcgaggc cctttgtgtg ttaacatctc attatctgaa tatggccctt 1380
ctgcttcttc atctgttttc tcatctccgt ctttcagtgg aattccataa cctgctgatt 1440
cactgggggc tggtttactt ttcttttttg cttctggtag aggttggtat ggtctttgtc 1500
ccacaggctc atcaccttgg atagtgttta aatcatgcat actgaagctt cttaaagctt 1560
cagttattgc tccttggtc tttactgctg cagtaacagc agcagtagct gcaaggttta 1620
aaccttgccg tccaaagttt accatggttt catagcctcg ttcttttgct tgtacaatat 1680
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aacttgctcc tttggtatag ggagaaagca gccatatgac aaaagcaatc ttcagctcat 1800
agtacagggg aaaccaagca actgtttgat cggctactgt ttcaatcaca gtatagagag 1860
caaaaacaat ccagtcacatc atccatcgaa catattcctt cacgtttttt gttttcacag 1920
ctttgtatga ataatatgca ggataaagca ttccaaacac cagcaccacg gctctggaga 1980
tcatccagga caccatcttc acgggggctt gggccccacg tccgtggtgc tggatgtggc 2040
tctatcgtcc acacggagga aggaggggtg gaggggtggtg cagaaccac cgcgccag 2100
tgagaagccc aaaagccata ggtggccacc tacgatgaca ccagaaaaca aatgaggctg 2160
cttcttcttg gatgccagc tccaggcttc tgtgaggagg agagactgtt cgggtgacga 2220
aa 2222

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```

<210> 7828
<211> 1247
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (696)...(433)
<223> similar to gil085026 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7828
tttcattcct tttggctact agtaaatccc aaattgcata tgaggttccc atggctgagg 60
aggcagaggg cgggcctgtg ccatgtccca agccacaagg gaacaggcct gtgggctttt 120
cccaacaagc aggtcagtg ccagcctctg tgtcagcctc cagggcacgc caaccttctc 180
atggtgcccc aagccccacc ccaatgcaca cataggaagt ctccaggctg cttgggcaga 240
ggcacaatca ttttagataa aaaaaaattg aacaaagaga ccctcttgcg agaggtgaga 300
tgaggccctg ccatgcaaag gactcccagc agaggaggaa gaattccatc ctggagtcca 360
agtttctgtg cagagacagg acctggggac agagaacggt cctccacca atttcagctg 420
gtctgtcctc atcagctttg ggctgagcct ggggtgatga gaggtggagt ctccccgga 480
tggtgaccgg acttctggcc aaacttgcac ttgcattttg cactcatgac gatgatgatg 540
cccatggcgc acagaacccc agcgcagatg agcccgccaa cctggaggct gtgccagtca 600
tagtagaaag gactgttttt atcttctagg tcattggcgt ccaggacagg aaagcctgcc 660
aggaacacaa gcaggcccag ggtcaccttc tgcagtgcag agcgtggcc tgtgtggttc 720
accaggctga gcagagggtc cgggagaaat cgggctgcca ggcgaggtcc tgcgtttatc 780
cgaagctgcc acgccctaag caaacctcac ttcttttctt tagatgatgt gttttgcctg 840

```

gtggaaggat	tgctggcagt	tgtggagaac	ttaaagtccc	cttccaggcc	acatcttgcc	900
gctggtacaa	tttcaggatc	agcagaagat	gctagcgtga	ccaaagtcag	gagatggggc	960
aggggtggat	atgagggagc	ggctggaaca	gcagggaggg	gtcagggtgg	ggactctggg	1020
accttagtcc	tggtcataac	ctgctccctg	ccctggggag	aatgagaact	gtctgccagg	1080
caccaggctg	cagtttctta	gccaggctct	ttccgtgggt	gctgggagcc	agacgcctgg	1140
gtctacagag	tgggtgctgg	tgggggcggc	tgccctctag	tccacataag	gccccctgca	1200
ctgtacaagc	ctccctaccc	ctttcctccc	ctgtctcctg	cacgaaa		1247

<210> 7829
 <211> 693
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (300)...(447)
 <223> similar to gi3094014 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7829						
ggctgcttct	gccccaggag	ggagaaacac	cgactccctg	gctttggcgc	cagaagcctg	60
gatcggetgc	caggtgactt	ctatttctat	ctggttctcg	tctggggggg	ccctggccgg	120
gcagcccccc	aacacttctc	ctgccctgaa	acacggctct	agccaacctg	ctccgctgct	180
tcacctgcca	ccgtctctgc	gggggctgca	cggcgccagc	ccctccagcc	caccagggca	240
ttgtcctcca	gcccgtcatg	cccagctgtg	accccggtcc	gggccctgcc	tgccctccca	300
ccaagacttt	ccgcagctat	ctgccccgct	gtcaccgcac	ttacagctgt	gtccactgcc	360
gtgcacacct	ggccaaacac	gatgagctta	tttccaagtc	cttccaaggg	agccatggcc	420
gagcctacct	gtttaactcc	gtgtgagtct	acctctttcc	ttgtgcgtgt	gcttgtgctt	480
gtgtgtgagt	gagtaattct	cctctgtgga	gaaagggggg	aatccatcag	gtgatcttgt	540
gccttcagtc	tttgccctccc	cttttgcaaa	gagggctctca	atctgaagtt	ctcacatggg	600
gagccggggg	agaattgaaa	tcataacggt	ggaaaaagaa	ggcccaggct	ctatacttac	660
aggggtggat	tatcaaaggc	aggggcctgc	cac			693

<210> 7830
 <211> 1553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1342)...(242)
 <223> similar to gi4240132 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09433715.013100

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<400> 7830
tttttttttt ttccatggca aaacagccct ttatcaagag ttgcaggata aaaatagtct      60
ttgcagccag acatccctcc aggcattgtct tctgacctga gaggggccag tgtcctgtac    120
agtagaagcc ggggtttccg tgctgcaccc gcagcaccag ggcacgcacc gtggggaggc    180
agccttgggc tgtgcccgcg acagggcccc tgcatgtctga gcaacagcct cacatgagca    240
ggcagcacgg cctcctctcc acgggagcct ccaccgccgg ggctgtgagc ttgagcaggg    300
gtgggtcccc gcctgccctg aagccacagt caggctgggg ggtcaccgtg tcaccaggca    360
ggccaggctc agctgtctca gggctctcgg gccctcagg tgggggtcgc tgcagcttgg    420
cagcagctcg ctggcgcttc aggtcagcca ggggtgtggtg ggcttgtcg tggaccaggg    480
tgtggggggg ggtgctgtcc agggggctca gctggtagga gacactccgg tctagtcgct    540
tggagtatag atgccgcaact ggggagcccc ctactcggcc attgtgcggc ctgaccactt    600
cggggttgtc ctccctccggg ggcggcgggc tgagctctgc gcctgtctgg cggtcacgt    660
tgtcctcggg cggtccggg ctggtggggc gcggctgttg ccacacgatg gcctcctggg    720
cgtgctgctt gcggtacagg tcggtgcgct gggttaggct caccgcctc accaccttcc    780
cgcggctgcc ggcgctggag gtgcggcggc gcagcaagga gcgctggcgg ctctgggcgc    840
gcaggagggg gtcgtgcttg tgcttcagct ccagcagctt ggcccgcacc tcctcgtccc    900
cgcacacatc aaggggcgct tcgtccatca gggactttgc gttcaggctc gccccgtgcg    960
ccacgagcag ctccaccagg ggcacctggc ccagtaggc cgcggcgtgc agcggctccc   1020
agccgtcttg gtccttagcg ctacggctgg ctcggtgttc cagcagcagg gcagccgcct   1080
cgctgaaccc gttggcggct gcgacgtgca gcagcgtggc cccgtgggtcc aggggggcat   1140
ggagggtctg cccggcctgc agccggctcc ggatgtcgtc cagcatgcgc agttctggca   1200
cggcccgggc ggctcgatg ctgtcctggg tgatgccacg gtcggccatg gcagtctcca   1260
ggcagtccag cgtctgctca tcatcacaca ggtcataggg catgttcccg tcggtgttga   1320
ccgccaggag attggcgcca ctggcgatga gcagctccac caggtgcagg tggccgcagg   1380
tggccgcagc atgcagaggc gtccagcact cactgtcaca ggcattgatg ttggccccag   1440
cctccaggag ctgctgcacc atctctcgga aatcatcaat gcagcactgg tgcaggggcg   1500
tcaggccgtc ctcgttggcc aagtcagggc tgacccact cccaaggaac tcc           1553

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<210> 7831
<211> 1210
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (220)...(452)
<223> similar to gi2969915 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7831
tgacatcatt actccatgct tggcaccagg aaggaagttt gaaaatgtaa tggggacaaa      60
agccgtgcgt gacttcggta taccagact tcattcagat ttcttaaaaa tctgctaggg    120
atgtctgttg accagacgtt ggaaaacctt tgggtgtcagg gagagtagag gagaagttct    180
gattttcata accctggttt cttatctagg cctgtttcct tgcgtgaaaa catacatcac    240
caagtaattt gtagtacaaa gaacaagaga agaaacccta agaagatagc ttatttggtta    300
tcctcccttt taatgactaa ccttaatcca aatgaatcca ctgagaacca gcctgtggat    360
gcctactggg ctttcaccct ggaccaggaa tttttgacgt atgcctgtgt tgaaggcact    420
ggatgcttgt tttgtggaag acatgttcat tgaggtaagt ggctcatcgc ttggtgtgtt    480
tggctctctt tggcattatg catagccaag gtcccagatt ttggccgctc tcagtgggtg    540

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ttcttgcac	agaacttta	aaaaattaac	actaccttaa	cactgagact	gtcaggtatt	600
tgtagctatt	tattttcta	ttcctacttt	aaatcttagg	agacaaagt	tttctccaac	660
tgtagctga	tttgaaacac	aactagaatg	ctacaggtct	ctcttccagt	atgcagctgc	720
tgtagctgaa	aattttttccc	cataattttcc	catcttttagg	gtatgtccct	gttatcaggt	780
gtggaattaa	tgtgggtaaa	tttccatttc	agttgaattt	cctgtcatcc	ccagcaaac	840
ctgtgaatcc	ttcttcaaag	catagaggag	gcagagacaa	gtcttaaacc	ggcttccctt	900
cgctttttacc	aggtagcctg	gttcagttccc	agctgggtcc	tgaaggagca	cagtactaga	960
gcctgagtc	tgttgactat	taataaagt	cattaagttt	gggtcaggca	aagtgggtggc	1020
aaaagtccat	gatgcaggac	agaggaaaca	agtggaaca	acaagtggag	cccagctctg	1080
ttcgcatggg	aggccgggcg	atgctggcat	gggtgtggtt	ggccgagttc	tcatagctag	1140
agaaagccg	tgtagggtata	agtgcctaat	gtttcatctg	tctgaaagac	cagctatttg	1200
ataatcttcc						1210

<210> 7832
 <211> 2701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (142)...(527)
 <223> similar to gi3876139 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7832	
tttcgtgtgg	caccatgagc agctcaggtg gggcgccccg ggcgtccgcc agctctgcgc 60
cgccccgcga	ggaagagggc atgacgtggt ggtaccgctg gctgtgtcgc ctgtctgggg 120
tgctgggggc	agtcttcac tcccaaggcc gccttcccag cgggctccgc ctgcctccct 180
gctgactcct	gcccgtgtct cttgtttcaa gcttgccgca tctctggcct cttcaactgc 240
atcaccatcc	accctctgaa catcgccggc ggcgtgtgga tgatcatgaa tgccttcac 300
ttgttgctgt	gtgagggccc cttctgctgc cagttcatcg agtttgcaaa cacagtggcg 360
gagaaggtgg	accggctgcg ctccctggcag aaggtgtgtc tctactgcgg gatggcggtc 420
gttcccatcg	tcatcagcct gaccctgacc acgctgctgg gcaacgccat cgcctttgct 480
acgggggtgc	tgtacggact ctctgctctg ggcaaaaagg gcgatgcgat ctccatgcc 540
aggatccagc	agcagaggca gcaggcggat gaggagaagc tcgaggagac cctggagggg 600
gagctgtgaa	gggctgggcg cccctccctc cctgtccctt cttctggctc tgtgtgggtc 660
caagtgaggc	ctggactgtc cacgctgagg cacagcctgg agaggggcct ttgcacgtgt 720
ccctacacct	ggagtccctc gtccttttct ccagactggc ttaagccagg agccactggc 780
tgctggtgtg	agggctctgg ctgctggact tgaggcagag cctgcagcag ctgtctggac 840
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gcctgtgacc	tgctgtgacc tgggagcagc tccccctgga gatgctggtc ctggcttgag 960
gggaggggca	agtgggaccc tgccacctgg gcaactgagc gaggggacct cccagctct 1020
cttagcaggt	ggagccccag ggcctgggac agcctgccgc tgccagcaac ctccactgc 1080
tgcttagggg	gcagcgccca ctgtcaccct gccttctgaa gaagcccaca gggctcctaa 1140
ggtgcacccc	ggtacctgga actgcagcct tggcagtgac tggacagctg ggtgggggat 1200
gctccctgct	ggccctggga accttggaac ggccacctca agggccctcg gctgccctc 1260
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ggtgctaagg	aagtggggag agcaggctct ccctggcacc gagggtgccc accctctccc 1380
tggtgtggcc	ccgtcaacat cagccacagc ccagcccat tagtggttta gtgggtctga 1440
cctcagcccc	actcaggtgc tctgtctggc ctgcccgaagc cctgccctca gggagcttct 1500

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gccttttaag aactgggcag aggccacagt cacctcccca cacagagctg tccccactgc 1560
cctgggtgcc aggctgtccg gagccaggcc taccagggga ggatgcagag agctgggtgcc 1620
caggatgtgc acccccatat tccctctgcc ctgtggcctc agcccgtgg cctctctgac 1680
cgtgaggctg gctctcagcc atcgggcagg tgcttggtcg ggcttggtt agcccagggtg 1740
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gcctgcgctg agcttctgga gcgcaggtac tgggtcttgc taagtgaact gtttcccagg 1860
aacacctctc gggcccatct gcgtctgagg ccgggagtg gcatctgaggc tgggagtggc 1920
atctgaggcc aggagtggag gctggtgggc tgggcgtggg gttttctggg ccctgcagta 1980
actgccctgg ggacttggtg ggctcctggg tcagcagcat cccaccctg ggagtctggc 2040
cagctgagcc cagggtggca ggggcattat agcctgggtg acatgtgcct tcagggttcc 2100
tccggggcca ccttctcag gccagtgtct ggttcaaagg gctgtgtgtg tgtgtgtgtg 2160
tgtgtgtgta tgtatatgtg tgtgggtgca cacatctgtc ccatgtatgc agtgagacct 2220
gtgtacctcc cacaaggagc aagggtttg cccgccctct gctcattcct acccatgtag 2280
tgggaccccg ggcccccttc tgcttggtt gctgtgtgt gccccttcca gaggggtctc 2340
actgacagcc agagacagca ggagaagggt tggctgtgga tcaaggaagg ctgcccctgt 2400
accctgtggg gaaatgggtg gtgcatggct ggatgcagag gtggaaggcc ctgggccaca 2460
ggcgagagtg ggcggtgtac ctgtcccagg ttcccagcaa gtctgcagct gtgcagtcct 2520
ggggtcctcg accctgtcgc ccagggggcg tgctgtccag caggggccct gccttgcaag 2580
gaacgtctct tccggcggtc gggccgtcc tgcttggtc gggctgtgtg tggcgccctt 2640
tcctccttgt ttgttcctct gtgttctgtg tgcgtcttaa gcaataaagc gtggccgtgg 2700
c

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<210> 7833
<211> 1881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(675)
<223> similar to gi2959874 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7833
tccataaact atatataatg agaatcctta gctcattcgg ttgtggtgag gggccccaga 60
ccctgctccg ggctcgctcc tgggtgttct ccatcgccgt cttcggggccc atcgtcaacg 120
agggctacgt gaacaccgac agcggccccg agctgcgctg cgtgttcaac gggaacgcgg 180
gcgcctgccg cttcggcgctc gcgctgggccc tcggagcctt cctcgccctgc gccgccttcc 240
tgctgctcga tgtgcgcttc cagcaaatca gcagcgtccg cgaccgcccg cgcgcggtgt 300
tgctggacct gggcttctca ggactctggt ccttctgtg gttcgtgggc ttctgcttcc 360
tcaccaatca gtggcagcgc acggcgccag ggccggccac gacgcaggcg ggggacgcgg 420
cgcgggccgc catcgccctc agcttcttct ccatcctcag ctgggtggcg ctaccgtga 480
aggccctgca gcggttccgc ctgggcaccg acatgtcact cttcgccacc gaacagctga 540
gcaccggggc gagccaggcc taccgggct atccggtggg cagcggcgct gagggcaccg 600
agacctacca gagcccgccc ttaccgaga ccctggacac cagccccaaa gggtagcagg 660
tgcccgccta ctacgggctg gcaggcacag accagggtc caaggccacc ccaccaacgc 720
aggccccagg gtctccggga cctcccttgg gtccttccag ctcagtgccg cggacagagt 780
aggtggccgc tttgcgccat ccggggccaa gaggggggtg acccgcggtg ctgggctgcc 840
cctgccaagt tccccagtc cctcagcacc tggccccagg actgaggtcc tgagaagggg 900
atagcactgc ccaggacgtg tgtccctagc ctggaatgga ctggcctggg gaaggcttcc 960

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tcagtgtctga catcaaagcc ttcagccaac ctgggaactg accaggactc tggaaattcc 1020
tcatgtaaat accgtatctg ctccatggct tcccacgtca gggtcctggg cggggcacca 1080
ggcgccctcca tttgcctccg aatttttctgg aatcggattg cttgtttctg tcgtttcagg 1140
gtgctggggg aagagaacca atggcagaag ccatgcgtgg aagcagaatg gatgtttgaa 1200
gagcctcagg ctaaatcatg gagcgcccag ccctcttctc tttgatcgca agggcaaccg 1260
ggccatgttg ccggtttaga gctgctccgt acaccagaa agctaaccacc tagaacaata 1320
actgcctgta agcatgccga actctctaaa ctgatgatga aatacgtcac taatgaaggg 1380
accagtggtc ccaggggagc tgaacacctg acgctgcgcc cctaacaacg ggtaagaaga 1440
aacaagggcc gctgcgcaag cagcggcagg acaccggcg ccaagggggc gcggcctgga 1500
gcgcccgggg acgagggccct gcttcaagct gagggcccgg ggagaagccg gtacctctcc 1560
acctcctgca gctcccgttc ctccggctcc cagtcggaat cgggggtccg ctcccggcca 1620
atagggcctg ggcccggcac ccccgggtc gcgaaccac agcgagtgc ggcggcgcaa 1680
acgcgcccgc ccagcaagag actcagggta accgccatgt cgacgcaaac cagccttcag 1740
cagtcggcta ccctcgtgcc aagcttggcg tanagggtgt caatacagtc tcatttgcgg 1800
tc 1802

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```

<210> 7835
<211> 1730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1681)...(587)
<223> similar to gi5656743 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7835
tttttttttt ttcagaggct gtttctttat acaaaggcag acaacatgga cacctcagca 60
tgctgtctgca gttcatgggg gcccatccca ccgcttctgg ggagaggaat cgggggtggg 120
gcgcccgcag caggggagag acactacaca ggcctgggac cgccaagcac accagctgcg 180
agctcctgaa gggcagacac atggacacac ggacactgaa accacgagca cggcacagcc 240
acagggagga atggtggagc tggggacaga catcggcagc tactgccaac tgctgccctc 300
ttctgccacg agttccttgg cgaggagcct tgtccgtgtt actaaagagc cacgtgactt 360
tatctgatgg cagaacgtct cgctttctgc atctgtaagc tgggccagta caccgtactc 420
cacagggtcg ccgtgagtac agatgagact gaaacagggg cattgatcaa agtaccacac 480
acagagcctg gcacatagag gtgttcaata agtaactttt gtcaggagac tcttagggag 540
gaccttcaga aggccaagtg agatgacttc cctagaaatt ctctcagggc atggggaccc 600
tgagggactc cttggagcct gcagcccctg gtgtgcccaa ggccccagaa tacaccgtgc 660
cagggctgtt cacaggcgtg gggggctgga tgcccaggga ggtgcccgca gaagctgggt 720
agacactgga ggaggtgggg tttggaccaa agtggttctg cacatagcac aggcggagg 780
caggctggta cggaggcaag gtgggcatgt gcccgggggg gcaggagggc caggaggcca 840
gcttctgacc actggcgtgc tgcgtctggg acacagggtg gcttggggac aggtgagggt 900
ggcagctctg tgtggggtag gagccaggca ccgggttcag tttccggctc tgggctgcc 960
tcctctcggc tgaagaccct gagacgtact tgaacacgga tatcctcctc atcaggctga 1020
aggggaaggt ctgatcgagc ttcagcgcca ctgcgtctga gaggtcgatg gaatagcagt 1080
aggtgaggcc ataggccagc ccgatggaca gcccgagac attactgagg aaagagggtct 1140
ggggaatgag ccacgaggca cccagcagga gccacggaac caggactgag ggcacaacca 1200
tgccaaacac caggggccgc ctcatccgag aacggacggg ggtgactccc agcatggcaa 1260
aggccactgg ggtgaaacct ctggcatcct ccacttcccc cagctttgac agtcatgaca 1320

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cagcctcgaa	tgacaggaag	atgatagcgg	agaagatggc	gaagatcacg	gtgaagaagc	1380
agtggcggac	ggtgcccacg	gttctctcga	aattgccagc	aaagcgccag	atgatgatag	1440
cgccgcagag	cagggagatg	ggattctcgt	agacaaagat	gtaggttacc	agcctgtaaa	1500
cttgccagtt	gcgaagggcc	tccgacttca	gcgtgaggcc	cgagggcgcc	aggggctgct	1560
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<210> 7836
 <211> 5294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1128)...(3149)
 <223> similar to gil504016 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7836						
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gaccaaaaaa aaaa 5294

<210> 7837
<211> 1861
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1614)...(1010)
<223> similar to gill103582 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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6453

<210> 7838
 <211> 1740
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1657)...(1348)
 <223> similar to gil770517 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 7839
 <211> 1953
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (314)...(560)
 <223> similar to gi5050965 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7839

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<210> 7840
 <211> 1167
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (98)...(836)
 <223> similar to gi50229 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agggagccca cctgaccca cccccactgc accccctccc catgggttct ctcttctctc     1020
tgaacttctt taggagtcac tgcttgtgtg gttcctggga cacttaacca atgccttctg     1080
gtactgcatc tctttttttt ttttttcaag tattggaagg ggtggggaga tatataaata     1140
aatcatgaaa tcaatacaaa aaaaaaa                                1167

```

```

<210> 7841
<211> 1601
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1602)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (60)...(1199)
<223> similar to gi306759 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7841
agaaagtgaa aggtgaggca cggccctgca gattttccag cggatcccc ggtggcctca      60
tgtcgcgtag tggaaaccgat cctcagcaac gccagcaggc gtcagaggcg gacgccgcag     120
cagcaacctt ccgggcaaac gaccatcagc atatccgcta caaccgcgtg caggatgagt     180
gggtgctggt gtcagctcac cgcatagaag ggccttgcca gggtaagtg gagccccagc     240
ttctgaagac agtgccccgc catgaccctc tcaaccctct gtgtcctggg gccatccgag     300
ccaacggaga ggtgaatccc cagtacgata gcaccttctt gtttgacaac gacttcccag     360
ctctgcagcc tgatgcccc agtcaggagc ccagtgatca tccccctttc caagcaaagt     420

```

```

ctgctcgagg agtctgtaag gtcattgtgct tccacccctg gtcggatgta acgctgccac 480
tcatgtcggt ccctgagatc cgggctgttg ttgatgcatg ggcctcagtc acagaggagc 540
tgggtgcccc gtacccttgg gtgcagatct ttgaaaacaa aggtgccatg atgggctgtt 600
ctaaccacca ccccaactgc caggatggg ccagcagttt cctgccagat attgcccagc 660
gtgaggagcg atctcagcag gcctataaga gtcagcatgg agagcccctg ctaatggagt 720
acagccgcca ggagctactc aggaaggaac gtctggtcct aaccagttag cactggttag 780
tactggtccc cttctgggca acatggccct accagacact gctgctgccc cgtcggcatg 840
tgcggcggct acctgagctg acccctgctg agcgtgatga tctagcctcc atcatgaaga 900
agctcttgac caagtatgac aacctctttg agacgtcctt tccctactcc atgggctggc 960
atggggctcc cacaggatca gaggtctggg ccaactggaa ccattggcag ctgcacgctc 1020
attactaccc tccgtcctct cgtctgcca ctgtccggaa attcatggtt ggctacgaaa 1080
tgcttgctca ggctcagagg gacctcacc ctgagcaggc tgcagagaga ctaagggcac 1140
ttcctgaggt tcattaccac ctggggcaga aggacaggga gacagcaacc atcgctgac 1200
cacgcccacc acagggcctt gaatcctttt ttgttttcaa cagtcttgct gaattaagca 1260
gaaaggccct tgaatcctgg cctggaattt gggcagatat agcattaata aaactgtgca 1320
tctcaaaaaa aaaaaaaagg gggggccctt ttaaaagaac caatttttac gcccgggggg 1380
gggaaagtta tttttttttt tttggggccc caaaatttaa ttccggggcc ggggttttaa 1440
aaaggggggg aggggaaaaa cccggggggg ccccaaatta atccttttgg aaaaaaacc 1500
ctttttcccc ggggggggaa aaaaaaaga acggggnnnn nnnnnnnnt antnnnantt 1560
tnnttttttt atnnannntt aaaaaaaaa atgtatttga a 1601

```

```

<210> 7842
<211> 2172
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (439)...(1882)
<223> similar to gi475198 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7842
ttcagcctac gaggacctta gtccagtgcg gtggaattcg acatgctcag caaaataaca 60
acgaaaccag agggggaact ctctggcatg caagttcaaa cagcactcta caactacggc 120
agaaaaagag agagagagaa actaaaaata tatatatatc ctattttttt cacagctatc 180
agtctctttc actgagcttt cctaaattta agcctctaga aaataataaa tacttgata 240
tcttacctac aaacatggac agatgtgtgt atgcgctcat tttagagaac ttgaattttt 300
ttttttaaaag gaaggtgtca actttggctt ttgagtgttt ggcattggtta caatgcctta 360
aaaaaacaga tgagcagctt agctactaac catgctgacc actgttcgga acgggattga 420
atcacagaaa aacagcaaat ggctctctct tacagagtgt ctgaacttca aagcacaatt 480
cctgagcaca ttttgagag caccctttgt caggttatct cttctaactg gtctggatta 540
cagacagaat caataccaga ggaaatgaaa cagattgttg aggaacaggg aaataaactg 600
cactgggcag ctcttctgat actcatggtg ataataccca caattgggtg aaataccctt 660
gttattcttg ctgtttcact ggagaagaag ctgcagtatg ctactaatta ctttctaata 720
tccttgccgg tggctgattt gctggttgga ttgtttgtga tgccaattgc cctcttgaca 780
ataatgtttg aggtatgtg gcccctccca ctgtctctat gtcctgcctg gttatttctt 840
gacgttctct tttcaaccgc atccatcatg catctctgtg ccatttcagt ggatcggtac 900
atagccatca aaaagccaat ccaggccaat caatataact cacgggctac agcattcatc 960
aagattacag tgggtgtggtt aatttcaata ggcattgcca ttccagtccc tattaagggt 1020

```

```

atagagactg atgtggacaa cccaaacaat atcacttgtg tgctgacaaa ggaacgtttt 1080
ggcgatttca tgctcttttg ctactggct gccttcttca cactcttgc aattatgatt 1140
gtcacctact ttctcactat ccatgcttta cagaagaagg cttacttagt caaaaacaag 1200
ccacctcaac gcctaacatg gttgactgtg tctacagttt tccaaaggga tgaaacacct 1260
tgctcgtcac cggaagagg ggcaatgctg gatggttctc gaaaggacaa ggctctgccc 1320
aactcaggtg atgaaacact tatgcgaaga acatccacaa ttgggaaaaa gtcagtgcag 1380
accatttcca acgaacagag agcctcaaag gtcctaggga ttgtgttttt cctctttttg 1440
cttatgtggt gtcccttctt tattacaaat ataactttag ttttatgtga ttcctgtaac 1500
caaactactc tccaaatgct cctggagata tttgtgtgga taggctatgt ttcctcagga 1560
gtgaatcctt tgggtctacac cctcttcaat aagacatttc gggatgcatt tggccgatat 1620
atcacctgca attaccgggc cacaaggtca gtaaaaactc tcagaaaacg ctccagtaag 1680
atctacttcc ggaatccaat ggacagagaac tctaagtttt tcaagaaaca tggaattcga 1740
aatgggatta accctgccat gtaccagagt ccaatgaggc tccgaagtgc aaccattcag 1800
tcttcatcaa tcattctact agatacgctt ctctcactg aaaatgaagg tgacaaaact 1860
gaagagcaag ttagttatgt atagcagaac tggcagttgt catcaaacat aatgatgagt 1920
aagatgatga atgagatgta aatgtgccaa gaatatatta tataaagaat tttatgtcat 1980
atatcaaadc atctctttta cctaagatgt aagtattaag aatatctaatt tttcctaatt 2040
tggaacaagt tattccatga ggaaaataat tttatatagc tacaatatgaa aacaatccag 2100
cactctgggt aaattttaag gtattcgaat gaaataaagt caaatcaata aatttcaggc 2160
tttaaaaaaa aa 2172

```

```

<210> 7843
<211> 1023
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1024)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (804)...(519)
<223> similar to gi3241940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7843
ccctctcccc ctttttaaaa ccccgcccc gcaatttaat ttggggggccc cataaaaaaa 60
ataatcactt gccaccccc gggccttaaa attggttctt ttaaaagggc gccccttttt 120
tttttttttg agctttggac aaattttattg aaacatacag gcggtctgta gcagagaaat 180
cattccatga ttgatgtgtt acattttggcc actaccttga atgtataatt taaaaattat 240
atttttcaca actaagcctt tggccaaaaa agtcatttag cacatcttta aagatcaata 300
agaaatggat tttggacatt aaaaagatca agtcactgaa ttaaacagta gcaaccccca 360
ttaatctaga atcccatagt gctgaaggta gaggtgtctg tgcaaagcta gtcattttgtt 420
aacagcaatc agaagagatg ggggcaggca cacctgtcag aggtggcagc agagctggca 480
ggacaggacg gctgggctgg tctggtcagg tgagcatgtc ccagagacag cagcaacaga 540
gagccgtcca gcaggctgtg aggcagggtg atggtcctag ctcatctctt ctttgggtctt 600
ctaccacata cactgtggtt ttaggaggct cctgagggtc accctgccag ccgtactgtg 660
ggtatccttg gtagggggtac ccttgaggag gtgggtaggg tccccccata ggtcctggac 720

```

ccattggttg	tgggtggataa	ggtgggtatg	gggccggttg	accagggcct	ggatatggtg	780
gagggttctc	ttggttcatc	ggggacctgt	aaagtgcacc	tctcctctcc	acgaaccgac	840
tggataacgg	tcggttctga	acctgaggag	cccggaccag	cccgcagtag	acttgccgca	900
cctgtctcag	agcaagtgag	gagcagccgg	gcgcctgacg	tcacggccgc	tcccagcgcc	960
gcgaaccggg	agtcacctga	tcaccctggc	aacgcgcgga	attccnccac	actggagtag	1020
ggc						1023

```

<210> 7844
<211> 3111
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3023)...(2822)
<223> similar to gi3878720 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7844						
cccttttagcc	aaaatcatatc	atacagttat	tgaagctga	actatgattt	gaacccaggt	60
ctaatacaac	tttaagtctg	cctatgctct	ttgttgctt	catggtcagg	caggtcacct	120
tcttggaag	actggcatgt	gggtaatttc	ctcagagcct	aataaataaa	taaggctctt	180
taagggttaa	aaagtgttca	attcggggct	agaggccac	tctggtcctc	aggcacttgc	240
agttccctcc	ccgcaaccct	aaaaaaaccc	tccctcctgc	cccaaaagga	ttagagttgt	300
tccccggcct	tcatgagccc	taatacctat	aaaaccaagc	agctactccc	tgtcaagggc	360
attaatgtag	taaatgggga	actgtgtgtt	tgcataactt	tagtaaaggc	tgcctaaaaa	420
ctgttctata	caacaaaatt	ttgcaagata	tgtgtccatt	taatgtatct	ttcacattga	480
aaacaaaagc	caatatattt	tataattaca	gcctataatc	taagttttta	aaatatataa	540
ccatagatgt	tatatattccc	cttcagaact	gtagtagtgt	tcttaataag	gctcactggt	600
agtcaaatct	tcattctcaa	ataatacaaa	tttgaatgtt	caacagtcac	tcaaataaac	660
atcatataac	tcaaaattaa	gacattcata	ctatagaaac	cagtctttta	ttactaaagt	720
taacatatat	tattgcaaac	taacatagct	caatctatat	ttgctacact	cctaaagtgg	780
ccgcttatca	gtaaggggaa	acattttatta	ttgacatgca	ttactgtgaa	caagaaaata	840
aatagggttt	tgaataatct	tcttaaaaaa	ttaattttta	ttacaaaaaa	taaccattca	900
ggttgctgaa	cattaaaatg	gccaatctat	tgaataatggc	ttcaataatt	gcttttaaaa	960
atgaatacaa	aactaaacag	tgattaaggt	gctagcctca	tgaataggac	aattaaaatc	1020
taaaaacatt	agtgttgatt	ttctataata	aacttaagcc	aaaaacaatg	acctcaatat	1080
ttacttaaga	cttcttggtt	tcatactttt	ctcctcatta	atataaaaaa	aaagagctca	1140
aggcctcacc	ttggttttatt	caactgctgg	tttctatgtg	ctgaaactag	actgtcaact	1200
ctgtaagagc	ttggaccaag	tctgtcttgt	tcaccactat	gtcctacagc	actctgcaca	1260
gtgcctggga	aataggaggt	gatcaacgaa	tatctcaata	actgaatcaa	tgcaagagga	1320
gagtaaaata	actttatttt	tatttttgca	aatcatcctc	tgctcaaact	actataaact	1380
ggcagctgta	atttctagaa	atatgggttg	aaaaaactcc	cagagatgga	aggacctgat	1440
gaaacactga	aacacacaaa	tacacacaca	cacacacaca	cacacacaca	cacacacaca	1500
cacacacgac	tgcatgagtc	aaaattactt	catgaagtat	gagatgtcaa	cattatgtaa	1560
ataaaaattta	atattgaaaa	agtgatctgg	aagccctgtg	aattttttacc	ctacacattt	1620
tggaggacat	cacatgggtt	aaagaaaaca	ccacaaaatc	tcatttggtc	agataatcat	1680
ttgaatgttt	acatacattt	ttggttattt	atttataact	aattttaattt	acatttcctc	1740
atattaacat	atcctcttat	ttagtatgta	atcaaattat	gtcagtgaga	aaaatcctca	1800
tagtaccttg	agttgctgat	tctgagaaaa	cactaaacat	gaacatgtac	aaaagaggca	1860

```

tttgaataaa acagcatgtg cattttttta atatttgcac agtttgcctt ttgcatttct 1920
gtctggagaa aatatgaaca aaaccaggt ttaccatgct aagataatgg ttcatatgac 1980
tgccataaaa gtagtacata caaacaatga aaacaaatca catccttagg ttccatgatt 2040
accgagatga tttcccctgc cctaagtgtt ttattatatt tcttaaaaaa tataggagca 2100
gcagcttatc acaagtctcc acaagtgcac taatgatgga atcaaaacaa cacaacagat 2160
tcataaggat gagagaactg cagaacaacc agaagtcagt tttatgcttc ttcttgttct 2220
ggataattca gaattttgcg gtgtgcctgt cgtaaataat gctgctgttt gaagtaaact 2280
ttaaatgctc cttttatggc aacaaacgca attccaccca agattgtcct ttgtaaatta 2340
gagttaacac tactgaacat caatttacca actattgtag caatagtagg aaagacaagg 2400
gctccacaca agattcgagt agcagagaca tgatctgcta aaggattggc ctcagctgga 2460
attcgaggaa caggacaacc tatccctgga aatatactat ttaaaatttg tagttttattc 2520
gagtatttgc gccacagtct aagcacatag tcctcccagc gaatcatctt gcctaataatc 2580
agcatgacag gaatagtagg aagtccaatt aaaaggaata aaggatcagc tctctccata 2640
acatccagac cttctttatg acctacaacc tgcatactg tcaactgctc ataagtcaca 2700
gctgtccaat agatagagcc gaccattatt cctgctgcag caaatggaca ggcttttgag 2760
atcagtctat ctgcaagatc caagacgtaa accactggac ccaatttttg aaaaactatt 2820
aggtattcag cattgcactg aggacatgcc actctggctg tactgtttcc tctttgcttt 2880
tcatccaccc agcgtttag acaggcctgg tgaaccatt ttgtagatcc tctgcacctg 2940
catggtctca cccattcagc tgttctatca tcttcacag tagcaaaaca aaccagcaa 3000
cttctgtcca gcatctgctg tagggcttgg tccggcatct tccgaggagc cggcgcacac 3060
ggccttcccc agtggaaccg ctcaaggcca ggcccaggga caatagcact g 3111

```

<210> 7845

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (384)...(455)

<223> similar to gi2228777 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7845

```

tcttcagaag gaagacaggg cttctggtta tacatctgga actcttttcc cacaacacca 60
acattaagaa atgtgacatg gggctgtgtt tacatttgca taggaactcg cattataagt 120
tttatttggg gagttatttg cttttttttt ttaataaacc cacatcagta tatagaactt 180
tgcaataggc atttttgttt taacttcatt tgtggcgcag ttttattttc ctacccttgt 240
ctttctattt tctctttcat cggcttttaga cttaaactgt gttttatgta ttgctgtaag 300
cctctttaaa ccttttataa aacaaagcag ggaatacata aacaaatagt tttttgtctt 360
tcgttttttt tctttgtaac acaaatcgac ttaaagcctc cagagaagta gaatctgtag 420
accttcaca ctgccacctg attaaaggaa ttggtatgta tatgaaaatg cttgttgggc 480
acattgcatt ttttggccat taacattaaa aactcatta atggcatttt agcatgaaat 540
tactgctttt cagtggataa atcacattag atcaacaaaa acctctttgg tcaacctctt 600
gatctgatga acctgtatt tattcttctt tcctaccctc actgtaaatt attctttttt 660
gtgtggaatt ctatgtttag catttgattt cttgc 695

```

<210> 7846
 <211> 2887
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (95)...(2196)
 <223> similar to gi2326549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

CC437E23460

```

<400> 7846
gcgtcgacga tttcggggca gctagtccca gtactccgag tcggtcgcg gccgacaggg 60
atcccctgag cgctctgtgg gctcttatca cgcgatggca tccactgtgg aaggaggcga 120
cacagctctg ctcccagaat tccccagggg gcccctcgat gcctaccgag caagagcgctc 180
cttcagctgg aaggagctgg cgctgttcac ggaaggggag ggcatgctcc gctttaagaa 240
aaccatcttc tcagctcttg agaatgaccc tcttttcgct cgttcccctg gagccgatct 300
gtccttgagg aagtatcgcg agctgaactt ccttcgatgc aagcggatct tcgagtatga 360
cttcctcagt gtcgaagaca tgttcaagag ccctctgaag gtccccgcct tgattcagtg 420
cctgggcatg tatgactctt ctctggctgc caagtacctc ctccatagct tggtttttgg 480
atcagcagtt tacagttctg gttctgaaa acatctcaca tatattcaaa agatcttcag 540
gatggagatt tttggatggt ttgctctgac cgaattaagc cacggcagta ataccaaggc 600
cattcgacaca actgcccact acgatcctgc cactgaggaa ttcatcatac attcccctga 660
tttcgaagct gccaaagtttt ggggttgcaa catgggcaag acagccactc acgcggtggg 720
gtttgttaag ctgtgtgtgc caggggacca gtgccatggg ctgcaccctt ttatcgtgca 780
gatccgggac ccgaagaccc ttcttcccat gcctggagtg atgggtggcg acataggaaa 840
aaaactcggg cagaacgggc tggataatgg tttcgccatg ttccacaagg tcagagttcc 900
tcgccagagc cttctgaacc ggatgggaga cgtcaccccc gagggcacct atgtcagccc 960
ctttaaggag gtcaggcagc gctttggagc gtccctgggg agcctgtcct cgggcccggg 1020
ctccatcggt agcctggcca tccttaacct aaagctggcc gtggccatcg ctcttcgctt 1080
ctcagccact cggcgtcagt ttggacccac agaggaggag gaaataccag tgcttgagta 1140
tccaatgcag caatggcgct tgcttccata tctggcagct gtctacgcct tagaccattt 1200
ctccaagtcg ctcttctctg acctggtgga gctccagcga ggacttgcat cgggagaccg 1260
cagcgccaga caggcagagc ttggacgtga gatccacgcc ctggcatcgg ccagcaagcc 1320
cctggcctcg tggaccaccc agcaaggaaat tcaggaatgc cgggaggcgt gtggaggaca 1380
cggctatctg gccatgaacc ggttgggtgt ccttagagat gacaacgatc ccaactgcac 1440
atacgaaggt gacaacaaca tcctgctgca gcagacaagc aactatttgc tgggtctcct 1500
ggcacaccag gtccacgatg gagcttgctt ccgcagtcgg ctgaagttag tggactttct 1560
ggacgcctat cccggcatcc ttgaccagaa gtttgagggtc tccagtgttg ccgactgctt 1620
ggactctgca gtcgccttg cagcatacaa gtggctggtt tgctacctgc tccgagagac 1680
ttatcaaaaa ttaaaccaag agaaaagatc aggaagcagt gactttgaag caaggaacaa 1740
atgccaggtg tcccacggcc gtccggtggc gctggccttc gtggagctca cgggtgtcca 1800
gaggttccac gagcacgtgc accagccttc cgtgccgccc tcgctgcggg ccgtgctggg 1860
gcggtcaggt gctctgtacg ccctgtggtc cctgagccgc cacgcggccc tgctctaccg 1920
aggaggatac ttctccggtg agcaggcggg agaagtgttg gagagcgccg tcctggcttt 1980
gtgttccag ctgaaagacg atgcagttgc cctggtagac gtgatcgctc ctctgactt 2040
tgttctggac tcaccgattg gcagagccga cggcgagctc tacaaaaacc tctggggcgc 2100
tgtcctgcag gaaagcaagg tgttggagcg ggcacacctg tggccagagt tttctgtgaa 2160
caaacctgtc ataggaagtc tgaaatcgaa gctctagtgg gactggcaca cattcagcca 2220
agtctaataa aacgaaggga actaatcaga cgtggacctc aacttctgat tccagaacac 2280
accggagatt gctgctgctt tctgagccc cactgtgctg cctaaactgc tgattggcct 2340
caactgcccc ggcggacggg agggaggcac ccggccggct ggactaatct gggatcgcg 2400
tgatttgcag cgtggaaaag aaatgcagat gatcatgtct accctgatgc gctgtgggtt 2460

```

```

ttttgataat tagaatttcg cacattcagt tttcaggggt cagctccttt ctctaaagta 2520
aacagcccat tgtcagggat cttctgggtca gacaacctgt gattcatcta gattttttac 2580
cgagctccac ttcattgaga agtcaatgat gccagtctgg ttctttgtca actctccctc 2640
gggtttgttc acataattga attatgtcat aaccttatta atttgacat agatcatctg 2700
aatgtcggtg gtttaagact taaggaggaa catctgtttg attactttct tttgtggaac 2760
tggaatttc catcgaggaa atgttttttt aaaaagtcta atgatttgaa tgggcaattc 2820
agtctccaac cgccccctc cccctgccgc cagttatata aaaatcactt tattggtaaa 2880
aaaaaaa

```

```

<210> 7847
<211> 2063
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (136)...(1623)
<223> similar to gi3860719 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7847
gcgcgatcga gaccctattg agtgccgtgg aattcggctg cgcccatgta acatcactag 60
cgaccggtga cctctttttc ccccttgcct ggctcctgtg gtggcaggct gggcacgagg 120
accatgctgg gccggagcct ccgagaagtt tctgcggcac tgaaacaagg ccaaattaca 180
ccaacagagc tctgtcaaaa atgtctctct cttatcaaga agaccaagtt tctaaatgcc 240
tacattactg tgtcagaaga ggtggcctta aaacaagctg aagaatcaga aaagagatat 300
aagaatggac agtcacttgg ggatttagat ggaattccta ttgcagtaaa agacaatttc 360
agcacttctg gcattgagac aacatgtgca tcaaatatgc tgaaaggtta tataccacct 420
tataatgcta cagtagttca gaagttgttg gatcaggagg ctctactaat gggaaaaaca 480
aatttagatg agtttgctat gggatctggg agcacagatg gtgtatttgg accagttaaa 540
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gctgccact gtgggcttgt tggtttcaaa ccaagctatg gcttagtttc ccgtcatggt 780
ctcattcccc tggatgaattc gatggatgtg ccaggaatct taaccagatg tgtggatgat 840
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ggaattccaa aggaatatct tgtaccggaa ttatcaagtg aagtacagtc tctttggtcc 1020
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accagttatt caattgtctg ctaccatgta ttgtgcacat cagaagtggc atcgaatatg 1140
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gtgagtatcc ctgttgcaact ctcaaaccaa gggttgcca taggactgca gtttattgga 1560
cgtgcgtttt gtgaccagca gcttcttaca gtagccaaat ggtttgaaaa acaagtacag 1620
tttctgttta ttcaacttca agaactcatg gatgattgtt cagcagtcct tgaaaatgaa 1680
aagttagcct ctgtctctct aaaaacagtaa acatatctta caaattaaaa tgacttttag 1740

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gctgggtgca	gtggctcaca	cctgtaatcc	cagcactttg	ggaggccaag	gcgagcggat	1800
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aatacaaaaa	ttagccaggc	ttagtggcgg	gcatctgtag	tcccagctac	tcaggaggct	1920
gaggcaggag	aatcacttga	accctggagg	tggaggttgc	agtgagccga	gatcatgcca	1980
ctgcactgca	ctccagcctg	ggtgacaaag	caagactgtg	tctcaaaata	aataaataaa	2040
ataaaataaa	aaaaaaaaaa	agg				2063

<210> 7848
 <211> 1019
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(886)
 <223> similar to gi5853317 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7848						
gcacgagccc	cgggtgcgcg	gtatggcggc	cagcctgtgg	atgggcgacc	tggaacccta	60
catggatgag	aacttcatct	ccagagcctt	tgccaccatg	ggggagaccg	taatgagcgt	120
caaaattatc	cgaaaccgcc	tcactgggat	cccagctggc	tactgctttg	tagaatttgc	180
agatttggcc	acagctgaga	agtgtttgca	taaaattaat	gggaaacccc	ttccaggagc	240
cacacctgcg	aaacgtttta	aactgaacta	tgccacttac	gggaaacaac	cagataacag	300
ccctgagtat	tccctctttg	tgggggacct	gaccccgac	gtggatgatg	gcatgctgta	360
tgaattcttc	gtcaaagtct	acccctcctg	tcggggaggc	aaggtggttt	tggaccagac	420
aggcgtgtct	aagggttatg	gttttgtgaa	attcacagat	gaactggaac	agaagcgagc	480
cctgacggag	tgccagggag	cagtgggact	ggggtctaag	cctgtgcggc	tgagcgtggc	540
aatccctaaa	gcgagccgtg	taaagccagt	ggaatatagt	cagatgtaca	gttatagcta	600
caaccagtat	tatcagcagt	accagaacta	ctatgctcag	tggggctatg	accagaacac	660
aggcagctac	agctacagtt	acccccagta	tggtataacc	cagagcacca	tgcagacata	720
tgaagaagtt	ggagatgatg	cattggaaga	ccccatgcc	cagctggatg	tgactgaggc	780
caacaaggag	ttcatggaac	agagtgagga	gctgtatgac	gctctgatgg	actgtcactg	840
gcagcccctg	gacacagtgt	cttcagagat	ccctgccatg	atgtagccag	gccaaaggac	900
aagccaggtt	gcatgatgtg	agggagatga	gagactcctt	tttaaaaatt	gtgaaacctt	960
tttggaataa	tgatttgtaa	gatttttaata	atgactgttt	ttggagatca	aaaaaaaaa	1019

<210> 7849
 <211> 1694
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (127)...(1536)
 <223> similar to gi5596714 in the genepept database release 114,

004322204000

Run with FASTXY 3.3t00, default parameters

<400> 7849
gcggtggaat tcgtgggagt tgccttgacc tgcagctccg ccaccgcgga cccgccttct 60
gccctcagca gcagacgctc tgtcccgccc gggcagctct gcgaggcagc ggctggagag 120
ggaaccatgg ggactgtgca cgcccgaggt ttggagcctc ttccatcaag tggacctgat 180
tttgaggat taggagaaga agctgaattt gttgaagttg agcctgaagc taaacaggaa 240
attcttgaaa acaaagatgt gggtgttcaa catgttcatt ttgatggact tggaggact 300
aaagatgata tcatcatttg tgaaattgga gatgttttca aggccaaaaa cctaattgag 360
gtaatgcgga aatctcatga agcccggtgaa aaattgctcc gtcttggaat ttttagacaa 420
gtggatgttt tgattgacac atgtcaaggt gatgacgcac ttccaaatgg gttagacgtt 480
acctttgaag taactgaatt gaggagatta acgggcagtt ataacaccat ggttggaac 540
aatgaaggca gtatggtact tggcctcaag cttcctaata ttcttggtcg tgcagaaaaa 600
gtgacctttc agttttccta tggacaacaa gaaacttcgt atggcctgtc cttcttcaaa 660
ccacggcccg gaaacttcga aagaaatttc tctgtaact tatataaagt tactggacag 720
ttcccttga gctcactgcg ggagacagac agaggaatgt cagctgagta cagttttccc 780
atatggaaga ccagccacac tgtcaagtgg gaaggcgtat ggcgagaact gggctgcctc 840
tcaaggacgg cgtcatttgc tggtcgaaaa gaaagcggac attcactgaa atcatctctt 900
tcgcatgcca tggatcatga ttctcggaat tcttccatct taccaaggag aggtgctttg 960
ctgaaagtta accaggaact ggcaggctac actggcgggg atgtgagctt catcaaagaa 1020
gattttgaac ttcagttgaa caagcaactc atatttgatt cagttttttc agcgtctttc 1080
tggggcgga tggtgttacc cattggtgat aagccgtcaa gcattgctga taggttttac 1140
ctcgggggac ccacaagcgt ccgcggattc agcatgcaca gcacgaggcc acagagcgaa 1200
ggagactacc taggtggaga agcgtactgg gccggcgggc tgcacctcta caccacatta 1260
cctttccggc caggccaggg tggctttgga gaacttttcc gaacacactt ctttctcaac 1320
gcaggaaacc tctgcaacct caactatggg gagggcccca aagctcatat tcgtaagctg 1380
gctgagtga tccgctgggtc gtacggggcc ggagattgtc tcaggcttgg caacatcgct 1440
cgggttgaac ttaattactg cgtcccatg ggagtacaga caggcgacag gatattgtgat 1500
ggcgtccagt ttggagctgg gataaggttc ctgtagccga caccctaca ggagaagctc 1560
tgggactggg gcagcagcaa ggcgcccatt ccacacaccg tctctcgagg aaacgcggtt 1620
cagcgattct ttgactgcgg accctgtggg aaaccccgtc aataaatgtt aaagacacac 1680
tccgaaaaaa aaaa 1694

<210> 7850

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(236)

<223> similar to gi3367693 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7850
ctgagactcc agcaggatgt cttatcaaca gcagcagtgc aagcagccct gccagccacc 60
tctgtgtgac cccacgcaa agtgcccaga gccatgtcca ccccgaagt gccctgagcc 120

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ctgcccacca ccaaagtgtc cacagccctg cccacctcag cagtgccagc agaaatatcc 180
tcctgtgaca ccttccccac cctgccagtc aaagtatcca ccgaagagca agtaacagct 240
tcagaattca tcaggacca gaaaggataa ggatatttgg ctacacctgt tccacagctc 300
caccttcac tctcatcaa agcctaccat ggatacacag ggagcttctt tctccttagc 360
cagtaatctg tccatgatga tccctgacag caaaaagtgt cttttctgag gctgccatac 420
tgccactgtc caggtggaga ctgagcaaag gaagtcttgg gctgtgccag ctcccagagc 480
ttcggaagaa agagcagcag ctctctccct gggaaccatc agagaattct gttgatgtgt 540
tctgtgtctg tctgtcacct ggtcacgagc ttctaccacc tttgcaattg tcacttatct 600
ttcactccct gaataaagta tctatgcata aaaaaaaaa 639

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<210> 7851
<211> 3147
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2883)...(738)
<223> similar to gi29664 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7851
tttttttttt ttccacagaca gatgtggggc cttttatttat ttgggggttcc tctatatgga 60
acacgggacc tccccacccc aagcctagtg cctctggcac ccccataacc agtacacaag 120
tccttgaaga gtcccccttta aaatcactaa tataaaaaaa ggagcgaagg agggaaggcc 180
gcaacgcccc caggctgggc agctcctggg cggcagcagg gccagggaag gacagagggg 240
gcgttggctt cggcgcgagg aggcacaggc gtteccagcc ccggggcctc cccgagccgg 300
gaggcggctc cacacgcctg gactgcagac tgtgtcgagc tagtggttat agtttatagt 360
ctgcaggcaa ggccaggccg gtggtgctga gtgggtggcc tctgaagtgg ggagagggga 420
cacatcagga tgctggggaa acccggggct gtcccaggcc aggaacaagc gaaagctgcc 480
ttcctggctt ggcaatgggt ggggccagg gagtccatcc cgagcccatg gctggcacag 540
gcagggggcca cacagttctg cccggagcag atgaacgatg gtggctggga ggagagggga 600
caggaggacg aggtgcctc tctgtctcaa ggaaggcact tgcagctggg gtggcctggg 660
gtggtgtggt aggagcgag gcttggcaga cgaggaggga ggggagcacg gcaaggggga 720
ccgagtcctt gcctcatgca aacatggtca gctgcaacca cttaaacaag tcaaaggcca 780
caactccatc cagatctgtg tccagagttt tgaaaaatcg gaacatggct tctagccgca 840
ccaggcagca aacgaaattg tcaaagtcga ccggcaggct gggctccgag tagcgggtga 900
tgatgagctc gtacagcttc ttgttgagct tgaagcctgc cgactcaatg gccatccgca 960
tctcgtagga actcatgctg cccgacttgt ccagggtcaaa cttccggaag atggacaggt 1020
aattccggat gcggttccac aggatgttga actccaccag gccagcttc ccattgccat 1080
cacgatccat gaggttcacc atgctgcggc acgactctag gctgaagccc ttggtccgca 1140
ggtctttgtg tttgctgatg atcctattga ggattgtccg caactccttc acgctgatct 1200
ccatgtcctc ccctgccagc tgctgaaga gggccttgaa gttctcgtca atctcctctt 1260
ctgagagcac ttgctcatcg gggagattgg cctggatctg gtcattccagc tccacagtcc 1320
cagcactctt ctctgagaag aagcgagcga cgaagtgcgc ctcttgtttg ggctcgaagg 1380
tgaggggcac caccacatac tccccgggtg gcaggcggaa gcgggtgctg acctctcgca 1440
ggttgatgaa ctgctctgag cgcgcccag acgcattggc cagggaagaag tcacgcttca 1500
agtgtacggc cggttgggcc accagctccg gagggacctc gtagaccgag aagccaatag 1560
tctccatgtc gcggccgaag cggcgctcgc ggcgacggtg cttctgcata agggcgagca 1620
cgaagctgca gcctgactcg cgggtccccg agtcgtccgg gtcattccgct tcatccagcc 1680

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ggatcttgaa ctgagggttc acccagaagg tggctgggta gtttcggcag cccccgcgg 1740
tgctcccccg cgcgcagggtg ccttcgtaga gtgtgggtgtt ccatttgcg atgggtccggc 1800
tcttgagggc gtcgggtgtg aggttgacaga tctccaggcg ggtgaactcc cgcatagaagt 1860
ctcgggaatga catccagaac tccccgtcct ccattcttgac ccggagctgg tcccgttcat 1920
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cgccccaggg gttccgcata cgcatcaggc tcaccacctg gcctcggtag ttcacctgct 2040
tggccccggt cacagagtag gcatggccct tcaccaactt cttgaaagt atggcctcca 2100
tgtctagaac gctggagatg tctatggagc agcccagcag ggagccccgc tccagcgctt 2160
tgaggatgat ctggtagagg tcaactggag ccttgcgcaa ctcgtaaccac tcggttaacc 2220
cgctgtgaa gtcctcaaag ccctctgagg tgctgcccc tgacagggcc tcgtagctgc 2280
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agtgcacgaa cactagcttc ccgtccttga tgggcagcag gtcataccag accacgtcca 2400
cccactcccc aaattgccac agctggaaat ggaagatgcc ggcatagcca ttctggaagc 2460
tctggccgtg cggaaccact cgggtgcagga ggggtgtcgtt gagagtgagg gaggcaatgg 2520
ccgccaagag ccagcagctc ccagtgctc cctggcagat gtctgtgcgg gtagctccat 2580
ccacaatgaa ctgggggttt gacagcagtt ccgtgggacg cttccacttg atgccatagg 2640
tcttgaggga attgggaccc aggtccttgt aaccaggct ctgggggtacc ggggggaagg 2700
cctcatcacg gaagagggtc cactctgca ggcatacgac ccgcagctgc tcataatcct 2760
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tgccggacag atgggcctgc tcagaaccca ggccttccca agactagaac ctgggctcct 2940
gcctgcaagc tctgtctctc tgcccctgct tatccatccc caaacctagg gtttccctgc 3000
ctcactgctc ccctcacaga agtaggggtc tcagccacct cccggtgctc ccagtgaatc 3060
caggaaaggg atttcccagt tcccaggcgt gccggccacc tctcctttcc cggatcccat 3120
tgtcaggggc ttgcagctct gacgaaa 3147

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<210> 7852

<211> 2633

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1021)

<223> similar to gi4929621 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7852

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gcgaccgcgt cggagagggg ggtggcagcg gcccgggagg ccgatgcaa gccagcgacc 60
caccatggag acccgctaca acctgaagag tccggctgtt aaacgttta tgaaagaagc 120
ggcagaattg aaagatccaa cagatcatta ccatgcgcag ccttttagagg ataacctttt 180
tgaatggcac ttcacggtta gagggcccc agactccgat tttgatggag gagtttatca 240
cgggcggata gtactgccac cagagtatcc catgaaacca ccaagcatta ttctcctaac 300
ggctaattgt cgatttgaag tgggcaagaa aatctgttt agcatctcag gccatcatcc 360
tgaaacttgg cagccttcgt ggagtataag gacagcatta ttagccatca ttgggtttat 420
gccaacaaaa ggagagggag ccatagggtt tctagattac actcctgagg aaagaagagc 480
acttgccaaa aaatcacaa atttctgttg tgaaggatgt ggctctgcca tgaaggatgt 540
cctgttgccct ttaaaatctg gaagcgattc aagccaagct gaccaagaag ccaaagaact 600
ggctaggcaa ataagcttta aggcagaagt caattcatct ggaaagacta tctctgagtc 660
agacttaaac cactcttttt cactaaactga tttacaagat gatataccta caacattcca 720

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gggtgctacg gccagtacat cgtacggagt ccagaattcc tcagcagcat cctttcatca 780
acctacccaa cctgtagcta agaatacctc catgagccct cgacagcgcc gggcccagca 840
gcagagtcag agaagggtgt ctacttcacc agatgtaatc cagggccacc agccaagaga 900
caaccacact gatcatggtg ggtcagctgt actgattgtc atcctgactt tggcattggc 960
agctcttata ttccgacgaa tatactctggc aaacgaatac atatttgact ttgagttata 1020
atatgggttt gtgacttatg agctgtgact caactgcttc attaaacatt ctgcattggg 1080
tataatctaa gaattgttta caaaaagatt attttgtatt tacccttcat tccttttttt 1140
gatccttgta agtttagtat aaatatatct agacattcag actgtgtcta gcagttacgt 1200
cctgcttaaa gggactagaa gtcaaagttc cttgtctcac tatttgatct gctttgcagg 1260
gaaataactt gttttttctc atgtttcatc ttctttttat gtaaatttgt aatactttcc 1320
tatattgccc tttgaaatth ttggataaaa gatgatgttt taagttccaa tgagtattac 1380
tagttactca ataccactta ttgagtactc tgtttctacg tatgtagaat gtatagggat 1440
agaagagttg aaaagggaaa gcaaaactcc tcaagtagct tccttaaaat gtcattcata 1500
ggagatgtac tggaattgct cattctgtga ctttatttgt gtcctaaaca ttcttcagt 1560
aaaataatth ttttcagtc aaacatttat gaggaatga gatcacatct ttgtcactgg 1620
atgctacttg aagaggagt actttgtaac cactttgata tgctgttatc accacccct 1680
gccctctgct gccataatca caaaaattht aaaagaaaga aaacagtctt ccatagattt 1740
ttaaggaaga aagggcccaa gccaggagat cgcttggttt tcttcagaa gttaaattgg 1800
gggatctgaa gatttgaatg tttggtctgc tttgaaatgt atgtcttttg ggatgtatta 1860
tatgcctagc tttataatca gtataaattht taattattcc aggaatatgc ataatttga 1920
aatatttcat gtcctatttht aatagaaaac ctgagggccc aagtaacagt gatagaagtt 1980
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aaaaatcaat atataactta gtgctagcta gcgccacaga ctctagtaga taatattatc 2100
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tcgcagcact gagggcactc ttgaggggtgt tgtaaatgaa gatttaattt ttaaatacag 2220
gtggttccaa gctttcaaat aggttatgct ccaaaagtgt tatttgtaag ttaatttttt 2280
tacaagtcaa acaatgttgg aagtgttatt taggttctag atcggtccac gaaagtttagc 2340
ccatatgtat atcttgaata gtatagggga ggtattcat aaagtcctta tgtggtttta 2400
actaagtgaa attatggaca agagaaataa ttgtaaaatc gtcttaaagg aaaatttaat 2460
ttttactcct gtttatggga cattcgttct attaaactgtc agacacaatt tctgttttca 2520
tctgagagcc agttttcctt tttttctaca tctaaaataa gaacatattg tacactatta 2580
tataatacag aattgtctta aactttaata aattcgcatt ttaaagggtga aaa 2633

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<210> 7853

<211> 649

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (187)...(536)

<223> similar to gi2138334 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7853

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cgaggcggga gggcgccctt gttgccttgg agacgctttc cctgctgccg gccgcgaccg 60
caaccgcgta gcccttcacg gcgagctacg cccggaccga gaagccccgg catggccacg 120
tccactggag tgcctttctc ggtgggcgac ggggtgcctg aggctgagaa gaacgcaggg 180
gagcccagaa acacctatat tctgcgcgct gttttccagc agaggttcag gccctctgtg 240
gttaaagact gtatccatgc tgtgctcaag gaggaactgg caaatgctga atattctcca 300

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gaagaaatgc	ctcagcttac	aaaacattta	tcagaaaaca	ttaaagataa	attaaaagaa	360
atgggatttg	accgatacaa	aatgggtggtg	caagtagtga	ttggagaaca	aagaggtgaa	420
ggagtattca	tggcttctcg	ctgtttctgg	gatgctgaca	ctgacaacta	tactcatgat	480
gttttcatga	atgacagttt	attctgcgtt	gtagcagcat	ttggctgttt	ctactactga	540
atgaatcttt	gaaaagctgg	taaaagacat	gaccatgaag	aaatctgaac	tttttaatat	600
tgttaaatat	cttgacaaaa	taaagatggt	agtagtttga	aaaaaaaaa		649

<210> 7854
 <211> 2595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (347)...(926)
 <223> similar to gi4884079 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7854						
tttcgtccgc	caatggcaga	gctcccatcg	cagagcctgc	gggttagggt	gtgaggcccg	60
ggccgggggc	ggggaggagc	caagggggcg	agcaagctcg	gtggctgggt	gggttggggc	120
gttcgcgcgc	cccttcattg	aagcggcggt	ggcgggctg	ggcgccggta	gtggaaagcg	180
acggcgcggc	tggaaaatgc	cagtccattc	ccgaggggat	aagaaggaga	ccaaccatca	240
cgatgagatg	gaggtggact	acgccgaaaa	tgaggggagc	agctccgagg	acgaggacac	300
tgagagctcg	tccgtctccg	aggatggaga	tagctcagaa	atggatgatg	aagactgtga	360
aagaagaaga	atggaatggt	tggatgaaat	gtccaatctt	gaaaaacagt	ttaccgatct	420
caaagatcaa	ctttataaag	aacgattaag	tcaggtggat	gcaaaaactac	aagaagtcac	480
agctggaaaa	gcaccagaat	acttggaacc	gctggcaact	ttacaggaaa	atatgcaaat	540
tcgtacaaag	gtagcaggaa	tctatagaga	gctctgctta	gaatctgtaa	agaacaaata	600
tgaatgtgaa	attcaagctt	ctcgccagca	ttgtgagagc	gaaaagctgt	tgctatatga	660
tacagtccag	agtgaactag	aggagaagat	aagaaggctt	gaagaggata	ggcacagcat	720
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04884079.01340

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```

```

<210> 7855
<211> 1106
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(841)
<223> similar to gi309225 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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ttgatgggac tgagaaacca gagttaaacc ctctttggag cttctgagga ctgagctgga 180
accaacgggc acagttggca acaccatcat gacatcacaa cctgttccca atgagaccat 240
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ccaggggcag gatagcctga agaaacatct acacgcagaa atcaaagtta ttgggactat 360
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```

<210> 7856
 <211> 1911
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (503)...(1520)
 <223> similar to gi3688370 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

69483725 "040400

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<400> 7856
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gaagagatgc tgggcaggaa ggtgtctgca tgtgggactc tgtacagccc ggtcctctcc      180
cacatctggg aggggccaga gtcagacaac tgctgggttc gtccctaaga gaggtcatct      240
gactggctgt tcagcctagg ctgcacacac cccacttttc ctctaccagg ccacaccgga      300
ggcagtgtct acacaggcaa gctaccaggc cacaacaacg acaccacctt cacctctggc      360
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tgctgacctt gagattccgg cctgtgctcc tgtgtgctgt agcaggggca ccagtagcac      480
catgtctgtg actggcggga agatggcacc gtccctcacc caggagatcc tcagccacct      540
gggcctggcc agcaagactg cagcgtgggg gaccctgggc acctcagga ccttcttgaa      600
cttcagcgtg gacaaggatg cgcagaggct actgagggcc attactggcc aaggcgtgga      660
ccgcagtgtc atttgtgacg tgctgaccaa ccggagcaga gagcaaaggc agctcatctc      720
acgaaacttc caggagcgca cccaacagga cctgatgaag tctctacagg cagcactttc      780
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tgccactcga accccacccc agctgcagga gtgcctggca gtctacaaac acaatttcca      960
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acaagatgtc caggccctgc agcgggcaga aggacctagc agagaggaaa catgggtccc     1140
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tcaagccctc caggaaactg agcccaatta ccaagtcttg attcgcatcc ttatctctcg     1380
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cagggtgtaa gacatgtgag acttccctgc cccaccccac atgacatccg aggatctgag     1560
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ctgagcacca cattctctag cttcttggtt aggttggaac tgtttcttta aaatccctta     1680
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gaaatgagtt ttctttgata gtttctgcct cactcatccc tcctgtaccc tggccagaac     1800
atctcactga tactcgaatt cttttggcaa acttcgctgt tgtttgtgtt ccctgattga     1860
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<210> 7857
 <211> 2009
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (308)...(751)
 <223> similar to gi4583307 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0072052400

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<400> 7857
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gaggcggaga cgtcccgcctc caggcagggc cttgggtctt aataggtggg gaaatctctg    180
ccaaatagga ggcctctcgg agcctcagtt tccccatctg cagactgggc tctgacttct    240
tctggcatga gaggggtgtg gagagtaaaa ggaggcagct agccccgtgc cgggagacac    300
gtcagccatg tcatctgagc ctccccacc accacagccc cccacccatc aagcttcagt    360
cgggctgctg gacacccctc ggagccgtga gcgctcacca tcccctctgc ggggcaacgt    420
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cattacccca gctgatggcg gccccgacat ctctctgcac atctctgatg tggaagggga    600
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aattccgcct cagtctcctg gtagtagctg gggattacag ggcattgcgc accacacccg   1980
gttaattttt gtatttttag taggagaca                                2009

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<210> 7858
 <211> 2795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (396)...(947)

<223> similar to gi474827 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7858

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00403725 "013100

<210> 7859
 <211> 3566
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (3087)...(1606)
 <223> similar to gi5901651 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7859
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gtgggtggtt ggtagacccg gggcggggca gcggggggtg gctgggggac gggcctggcc 2460
gagggcacc tctggcagtg ctctcaagc tgcgcgatga tctctgattg gttgtgggcc 2520
agtgtggcca ggtgctggta cttgtgctcc aggtccttgt acttgctggc cagctgcagc 2580
atgtcggctg tctggttcag gatcctgttc tccagctggg agagctccaa cgcgttgtcc 2640
cgcttgcgga tgatctcgtg caggagctgc atgtagagct gcgtgacccg cgagttcatg 2700
ttgcggctct ccttgcgag cagcttcacc tcgctcacia tgccgccgtc cacctccacc 2760
agctgctgca gcgtctcgat ctgccgcttc tgcttgagca gctcattgtt gagcagctct 2820
agctcctgct tatgcaactg gttctccaga agcacctcag gtccttgga gttgacgcag 2880
atggcaccg tgaccgcgtg ctggggcaca atgaagggtg aggtgcactt gtcctgggac 2940
tcgccgccg gcttgtagct gtttaggtaa atgaactctc ttggcgagcc ctctcagtg 3000
ccctcaaaac cgtcctcctg gcctgcaaca gctcccatgg cagccagcag tccgagccac 3060
cagcatgtca cgcacagtgg cctcatggtc cttgcaaaat ggtggttatt ctttgtgaat 3120
agaatctatg aaagcctctt ccctcctgct tggctccggg gcggctcctc acatgcttca 3180
ccctggccgt cagcggggca gcctgtccat ggctctgga ggggttcctg agttgcaggc 3240
cgggtgctgc caagcagccc tgccctcactg ggctccactg gctctgcctc cacagagggc 3300
tccggcagag gctggggcca gggctggcca ggggtcctgc ggggctgctc acaaccttct 3360
ttccctcaca gtagcgtcag ccgctgcctc agtgccacgc tcggcaggtc cagggcttgg 3420
ggtccatcct caggccgtcc gcagcagcct catttgaact cccaactcct ttgtggagcc 3480
tttaccatgcc gccagaggaa actgtgagca cagcctgacc ctgggttggt gcaggcgctt 3540
ctctccccga aatcgtcgac ccggga 3566

```

```

<210> 7860
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1566)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (648)...(1286)
<223> similar to gi868241 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7860
gattcgtaga ccctagtcca gagcgggtgga attcctgcac tctggcctgg gcaacagagc 60
gagactctgt ctcaaaaaaa gaagtcctgg cgcggtggct catgcctgta atcaaaacac 120
tttgggagggc cgaggcgggc agatcacctg aggttgggag ttcgacacca gcctgaccaa 180
catggagaaa gcctgtctgt actaaaaaca caaaaaatta gccaggcatg gtggcacatg 240
cctgtgatcc cagctatttg ggaggctgag gcaggagaat tgcttgaacc caggaggcgg 300
aggttgaggt gagctgagat cagccattg cgttccagcc tgggcaacaa gactgaaact 360
ctgcctaaag aaaaaaaaaa aaaggcagct aggaatagta aaaagaatat tggttttaga 420
actcactactg ccacatcttg attcctgcac aatctcttat tagttgtgat ttttaacatc 480
tttgtgggtt ttttcacatt tttaaagtga agagatagca cgttcattgt agagatttgg 540
ggattagcaa taacacagtc aggtctctag cacatactat gtattcaatg attggtggct 600
aatatttttc cttcacaaaa tttgggccta ctccactgga ctctcaggg aagaaggaga 660
aagggccaac ccctgaagaa gcaatacaga aactgaagga gacagagaag atactgatca 720

```

```

agaaacagga atttttggag cagaagattc aacaggagct acaaacagcc aagaagtatg 780
ggaccaagaa taagagagct gccctacagg ctttgcggag gaagaaaaga ttcgaacagc 840
agctggcaca aactgacggg acattatcca ccctggagtt tcagcgtgag gccattgaga 900
atgccactac caatgcagaa gtccttcgta ccatggagct tgctgcccac agcatgaaga 960
aggcctacca ggacatggac attgacaagg tagatgaact gatgactgac atcacggaac 1020
aacaggaggt ggcccagcag atctcagatg ccatttctcg gcctatgggc tttggagatg 1080
atgtggatga ggatgaactg ctggaggagc tagaggagct ggagcaggag gaattggccc 1140
aggagtgtgt aaatgtgggc gacaaggaag aagaaccctc agtcaaattg cctagtgtac 1200
cttctactca tctgccggca gggccagctc ccaaagtggg tgaagatgaa gaagcactaa 1260
agcagttggc tgagtgggta tcctgatnaa aatctgggct tgccttctta atgcctaccc 1320
tttgttggtc cctttccttc ccttaagtgc ccaagtgtcg agctaaagga ggataacttt 1380
ttggggaagt catgctgagg gtggtagtgt gaccctgcct gaacaaaagg gtctcttacc 1440
ctcccagccc tggctcaact ctgaagaagg atcttgctac agaaggagcc cttgggctcc 1500
cttctctttg atagcagtta taatgccctt gttcccaata aaactgggca gatggaaaaa 1560
aaaaa 1565

```

```

<210> 7861
<211> 2833
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2834)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2758)...(2085)
<223> similar to gi2570007 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7861
tttttttttg aggaattatc tacagaacac tgtttatttc aagtccaaaa cacaatttac 60
tcattttttc taacagaccg cataattttt actgcatgaa tatttagggg ttctctattc 120
acaagtacag tttattacta gacttttagg ttgaatgatt catatatata gatatcagtt 180
tactacagag gacatgtact tttaacattt tttgtttaga aaatatttta cataaaaaa 240
caaagcattt accaaccact cacaaccagt cttcagcaaa gatttggctg aagataactt 300
tctacaaaac actccaagac tgaatagaat gtagtatttt acatacttta gcttattgtt 360
gcagttaaaa gctccccctt gtttgatggc ttctgcatgt atctacaaag cagaagtctt 420
aactggtgac ctgttaaata acattgcctt tttaagtga cttgtcccca gcccggaacc 480
taagtagtca taatgaaata aagtaattga tatatgaggg gcttttagta agggcttttt 540
caaccttaata aaataataat ttagtatcta tcagtgcatt attcttttac tgttttgtgt 600
tcaataacca cctggagtgc taattgtcta gtataatcag ttggcatcaa aatagaaagt 660
aaaaagatgt acatttaata taccaattct tacctgaata atcttggaat tctggagaat 720
gttcacaaaa gtggaatttc ttcctaaagt tatgctgaat gtggtacaat gtgtacaact 780
tggttaacca gtgctgctt ttcatctcca agatttttcc ttatcttgaa tcaaatgcac 840
aatcttacaa ctgtatcata atgcactggc ttacagttct gtatataaag tccaactcaa 900
gcttattttg gtttatttga catgctttat taaaatggta cttgtattta cagtatctgc 960
agaaagagtc cttccaagg cctcacacat tcagacacat ccatactgac acccactcca 1020

```

cagcccatg	caccacacc	agtgagatgt	ggagggtcag	actcctaaaa	ttaggcagct	1080
gttggggata	agagttgatt	tgtttttcaa	tttttttgaa	aacagaaaag	catgggggaa	1140
tgcatTTggc	cattacaatg	ctaattgagt	ttgtgtatat	tacatatatg	gcagttaaca	1200
ctgtaatat	cctttttacat	tctatataca	cagaatgata	tcaaggTTTT	atgggtcaaca	1260
gaatattcca	acttcagtct	taatgctgct	tgtagtgtatt	tctgaattca	ttataggggc	1320
tttccctaaa	aataattcaa	gtctatgtta	agtgaataaa	ggcacaatta	atattgattt	1380
gatttaggga	aagggaagga	aagagaagg	ataaaaactg	gtttcaaattg	atcttttctgt	1440
tggggaacta	gctctgactt	aaaccacact	gaaattcctt	ctcctaattt	ccaaagattt	1500
ctttataaag	atatttttct	tttccctgac	aaagccaaaa	agaaaagt	gggaattcac	1560
atTTtaattg	ttcagtagcc	tgaacaactc	aaattgatgt	gtacccccac	ctccctgat	1620
caggctgcct	ccctcaccca	tgtaaata	aaaacacagt	atgtgacaca	ggagtccctt	1680
gatgtttctt	gaggagatct	gtacacttga	gtagcaaata	catatctgg	tgtcttcaat	1740
atattttaaa	aagaaagaaa	gagaaagaag	aaaggaaaga	aggaaaaaag	gaaggaaaga	1800
agtaatatg	tgactttctt	gctctttaa	aaaatccctg	tctccttctt	ttcaggatga	1860
tgaagcccca	ctagacatta	caaacaactg	caacaaatga	gtttggcagc	ataaataatg	1920
tctagttatt	caaactttca	tagtgagatt	aatttatctt	gtacacaatt	tgttgaatgt	1980
ttttcgcagc	aggtgaatca	aacccaaaga	ctccggacag	tctgtgaaag	ggagtaagaa	2040
ttgcagttct	gaaggccctt	gactttggtt	gtttacaaag	ttcaatcctg	tttattgtga	2100
tccttggtat	cttcttcac	tgtatatctt	gatggttctt	ctcctgggtt	taggagtctg	2160
cctacataat	catatttttc	tttaaactgc	atttccatt	ctcgaacact	ctccatttgt	2220
actgcattca	aatctgagag	atcatcatat	tcatctctaa	gtgcatctt	atctaggcaa	2280
aatgtggcca	gtcctctgga	ggcatcccta	ccagcaaata	ttccatatgg	acccgccggg	2340
ccgtagaact	tgctgccttt	ggtcacgtcg	aagactttcc	cattgaccgc	gagcaggatg	2400
cgcggttgc	gggagccgtc	gtactggcgc	agctgtcca	agctgaagtc	ccgcttcttc	2460
atgcgaggca	gagaggtggc	ggggtctctc	tcgcccggcc	cggccccggc	ccccagacc	2520
cgccgcccc	agcgcaccca	cagccggtag	gccccagca	gcaccagagc	caccagcgcc	2580
acgttcagca	gcatttcccc	gcccccgctc	agaagcgcca	acgcgcgcgc	cgccagcct	2640
cccccttcg	ctgcgcctc	cgcgctgcgc	ggactctcgc	tgccgcgcgc	gttgctgctc	2700
tcgctgcac	tccccagggt	gcctagcttc	acgtcccat	caccagccgc	catcacacga	2760
aatcgctcac	cgggattcc	ggtccggtag	tctgtgcgct	agctntcagt	atcaatntt	2820
cntgcggggg	ggg					2833

<210> 7862

<211> 2039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(846)

<223> similar to gi5262520 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7862

cgcggggaga	gtagggtgct	gtggtctgag	ctagaggggtg	aagctggcgg	agcaggagga	60
tgggcgagca	gtctgaatgc	cagaatggat	aaccgttttg	ctacagcatt	tgtaattgct	120
tgtgtgctta	gcctcatttc	caccatctac	atggcagcct	ccattggcac	agacttctgg	180
tatgaatatc	gaagtccagt	tcaagaaaat	tccagtgtatt	tgaataaaaag	catctgggat	240
gaattcatta	gtgatgaggc	agatgaaaag	acttataatg	atgcactttt	tcgatacaat	300
ggcacagtgg	gattgtggag	acgggtgtatc	accataccca	aaaacatgca	ttggtatagc	360

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ccaccagaaa ggacagagtc atttgatgtg gtcacaaaat gtgtgagttt cacactaact 420
gagcagttca tggagaaatt tgttgatccc ggaaaccaca atagcgggat tgatctcctt 480
aggacctatc tttggcggtt ccagttcctt ttaccttttg tgagtttagg tttgatgtgc 540
tttggggctt tgatcggaact ttgtgcttgc atttgccgaa gcttataatcc caccattgcc 600
acggggcattc tccatctcct tgcaggtctg tgtacactgg gctcagtaag ttgttatgtt 660
gctggaattg aactactcca ccagaaacta gagctccctg acaatgtatc cgggtgaattt 720
ggatggtcct tctgcctggc ttgtgtctct gctcccttac agttcatggc ttctgctctc 780
ttcatctggg ctgctcacac caaccggaaa gagtacacct taatgaaggc atatcgtgtg 840
gcatgagcaa gaaactgcct gctttacaat tgccattttt atttttttaa aataatactg 900
atattttccc cactctcaa ttgtttttaa tttttatttg tggatatacc attttattat 960
gaaaatctat tttatttata cacattcacc actaaataca cacttaatac cactaaaaatt 1020
tatgtggttt actttaagcg atgccatctt tcaaataaac taatctaggt ctagacagaa 1080
agaaatggat agagacttga cacaatttta tgaaagaaaa ttgggagtag gaatgtgacc 1140
gaaaacaagt tgtgctaatt tctgttagac ttttcagtaa aactaaagta actgtatctg 1200
ttcaactaaa aactctatat tagtttcttt gggaaacctc tcatcgtcaa aactttatgt 1260
tcactttgct gttgtagata gccagtcac cagcagtatt agtgctgttt tcaaagattt 1320
aagctctata aaattgggaa attatctaag atcatttttc ctaagcattg acacatagct 1380
tcatctgagg tgagatatgg cagctgtttg tatctgcact gtgtctgtct acaaaaagtg 1440
aaaaatacag tgtttacttg aaattttaac tttgtaactg caagaattcc agttcagccg 1500
ggcgaggatt agtattattt ttaactctcc gtaagatttt cagtaccacc aaattgtttt 1560
ggattttttt tctttcctct tcacatacca gggttattaa aagtgtgctt tctttttaca 1620
ttatattaca gttacaaggt aaaattcctc aactgctatt tatttattcc agcccagtac 1680
tataaagaac gtttcacat aatgacctc cagagctggg aaacctacca caagatctaa 1740
agttctggct gtccattaac ctccaactat ggtctttatt tcttggtgga atatgatgtg 1800
cctttccttg cctaaatccc ttctgtgtgt gtatcaacat tatttaatgt cttctaattc 1860
agtcattttt ttataagtat gtctataaac attgaacttt aaaaaactta tttatttatt 1920
ccactactgt agcaattgac agattaaaaa aatgtaactt cataatttct taccataacc 1980
tcaatgtctt ttttaaaaaa taaaattaaa aatgaaaaga gactcaattg taaaaaaaaa 2039

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```

<210> 7863
<211> 1829
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (409)...(1425)
<223> similar to gi5834595 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7863
aactgagacc cttgtaagtg cgctggaatt cggcgctgca ggtgtcgggg cctcaacctt 60
gcggagccga cagccatcga tcctcggttg gcctcgaggt ggtggcaggg ccgccccctg 120
cagtcaggag acgaacgcac ggaccggggc tccggaggca ggttcggctg gaaggaaccg 180
ctctcgcttc gtccacact tgcgcaaatg tctccgagct tactcacata gcatattggt 240
atatcaaaat gaaatgcaag gaacaaaaa taacataatt gaaggcagta aaagtgaat 300
taaataggaa gatcatcagt caaggaaagc ccactggaga ggacagaaaa tgaagcagtg 360
ttttatcatg tgtatttcag caggtcttct tgaaatttaa ctaaaaaatat gactgctctc 420
tcttcagaga actgctcttt tcagtaccag ttacgtcaaa caaaccagcc cctagatgtt 480
aactatctgc tattcttgat catacttggg aaaatattat taaatatcct tacactagga 540

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atgagaagaa aaaacacctg tcaaaatatt tttgcatttc actagcattc 600
gttgatcttt tacttttggg aaacattttcc atttatattgt atttcaggga ttttgtactt 660
ttaagcatta gggttactaa ataccacatc tgcctattta ctcaaattat ttcctttact 720
tatggctttt tgcattatcc agttttcctg acagcttgta tagattattg cctgaatttc 780
tctaaaacaa ccaagctttc atttaagtgt caaaaattat tttatttctt tacagtaatt 840
ttaatttgga tttcagtcct tgcttatgtt ttgggagacc cagccatcta ccaaagcctg 900
aaggcacaga atgcttattc tcgtcactgt ccttttctatg tcagcattca gagttactgg 960
ctgtcatttt tcatgggtgat gatttttattt gtagctttca taacctgttg ggaagaagtt 1020
actactttgg tacaggctat caggataact tcctatatga atgaaactat cttatatattt 1080
cctttttcat cccactccag ttatactgtg agatctaaaa aaatattctt atccaagctc 1140
attgtctgtt ttctcagtag ctgggttacca tttgtactac ttcaggtaat cattgtttta 1200
cttaaagttc agattccagc atatatagg atgaatattc cctgggtata ctttgtcaat 1260
agttttctca ttgctacagt gtattgggtt aattgtcaca agcttaattt aaaagacatt 1320
ggattaccct tggatccatt tgtcaactgg aagtgtctgt tcattccact tacaattcct 1380
aatcttgagc aaattgaaaa gcctatatca ataattgattt gttaatatta ttaattaaaa 1440
gttacagctg tcataagatc ataattttat gaacagaaaag aactcaggac atattaaaaa 1500
ataaactgaa ctaaaacaac ttttgccccc tgactgatag catttcagaa tgtgtctttt 1560
gaagggctat gataaccagt attaaatagt gttttattttt aaaaacaaaa taattccaag 1620
aagtttttat agttattcag ggacactata ttacaaatat tactttgtta ttaacacaaa 1680
aagtgataag agttaacatt tggctatact gatgtttgtg ttactcaaaa aaactactgg 1740
atgcaaactg ttatgtaaat ctgagatttc actgacaact ttaagatatc aacctaatac 1800
tttttattaa atgttcaaat gtaagcaag 1829

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<210> 7864
<211> 2783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (88)...(1140)
<223> similar to gi35518 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7864
cgacccacgc gtccgcccac gcgtccgggc ccagctgctg agaggagttg cctgagagtg 60
acctttgcat ctgctgtgcc agccagcatg gaaccaaagc ggatcagaga gggctacctt 120
gtgaagaagg ggagcgtgtt caatacgtgg aaacccatgt ggggtgtatt gttagaagat 180
ggaattgaat tctataagaa gaaaagtgac aacagcccca aaggaatgat cccgctgaaa 240
gggagcactc tgactagccc ttgtcaagac tttggcaaaa ggatgtttgt gtttaagatc 300
actacgacca aacagcagga ccacttcctc caggcagcct tcctggagga gagagatgcc 360
tgggttcggg atatcaagaa ggccattaaa tgcattgaag gaggccagaa atttgccagg 420
aaatctacca ggaggtccat tcgactgcca gaaaccattg acttaggtgc cttatatattg 480
tccatgaaaag aactgaaaa aggaataaaa gaactgaatc tagagaagga caagaagatt 540
tttaatcact gcttcacagg taactgcgtc attgattggc tggatatcaa ccagtctgtt 600
aggaatcgcc aggaaggcct catgattgct tcatcgctgc tcaatgaggg gtatctgcag 660
cctgctggag acatgtccaa gactgcagtg gatggaactg ctgaaaacc tttcctggac 720
aaccctgatg ccttctacta ctttcagac agtgggttct tctgtgaaga gaattccagt 780
gatgatgatg tgattctgaa agaagaattc agaggggtca ttatcaagca gggatgttta 840
ctgaagcagg ggcatagaag gaaaaactgg aaagtgagga agttcatctt gagagaagac 900

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cctgcctacc tgcactacta tgaccctgct ggggcagaag atccccctggg agcaattcac 960
ttgagaggct gtgtggtgac ttcagtggag agcaactcaa atggcaggaa gagtgaggaa 1020
gagaaccttt ttgagatcat cacagcagat gaagtgcact atttcttgca agcagccacc 1080
cccaaggagc gcacagagtg gatcaaagcc atccagatgg cctcccgaac tgggaagtaa 1140
agagactcct gcatttcctcc tcccctcctg agggaagccc atggacaagc tcagtccagg 1200
acctgtccac ttctgtgaca aatcaacggg aaacagccca ggggtgggaa gttttcattt 1260
gcaggggggt ctgaatgtaa ctcaccatgt ggtgtgcaag gttccccctgc attgtattgc 1320
tactgcagc ccctctgccc ctatccatga cccccaagca gatataaca gctgtgcagc 1380
ctcagtaggc tgcttgccct ctccaggcct cagggcctct tctggaaaat gaagaaattc 1440
aactagtaga ttcctgaggt ctccccagct taaaaaaaaa aaatctgccc cgtgattcta 1500
acactcgag tagtgatagt gtatctagtt gttctgctgg tgccttctct tggctaagtc 1560
ttggccttca gttatcttca aatgtaccag aacctgagcc aacgcctccc tgtgaaactg 1620
ttgctgatct gtagtacagt accaggaaga aacctctttt gttctcttta gacatcttct 1680
acttgctctt ggccttgaga tcgtgtaaca aaatgaagga gggctctctt ctttcttctt 1740
catcctactc aaaaacttcc cgagagcagt ggtggttttg agggttttga cttctattac 1800
ttttggcagc ctggaaggtt gtgtcttctg ggaaagagac ccggggaggc caggagtagc 1860
tgagggtcct ttctgtgccc ttaaaccgcc cagaggagcc ctattccact ctgggttttag 1920
gctgatctga gaggggtctcc ctttgttctt ttctggagca tttctctaac gtttattaca 1980
attaggaggg ggaccccaca tctgtgagat tctgtttcat ttgaggttta cagaaaaaaaa 2040
aagtggccag atgtgttccc cccatgggtg agaggcctgg gcaactgcct ggtgaatgtg 2100
tctcgcgga gctgcagcaa gtggaggggc tgaactactg gccagctcac tggatgatgg 2160
gttaatacaa caactgcact gtaaggactc agagccacac agaacttctg agaggggctg 2220
ttagcattgc gcagcatctt cagttctcca gtaaatgata ttgcgttcgt gcctcagctt 2280
taagcacaag tagcagcagc tcctgcttga gttctgaggg catcatggcc ctatgattaa 2340
ccagagtgat ctaacctaga ctaaaattgg gaacttattt gcaatttttg accctgacca 2400
ctaactagt atttcttccc aaaattgaga aagacagcac ccattgaaac agatatgtgt 2460
gtgaaagtat atttttcaat tccagatttt taattttaag gctccaggaa agaaaggaga 2520
gtagaacatt tttcctcatt ttatcaaata ctctcttgcc ctccctcaat tcccctgtaa 2580
cattcctgaa gctgttccca ctcccagatg gttttatcaa tagcctagag gtaaagaact 2640
gtctttttct ctgattcttt aataaattat ctttatagaa tatgcacaag tttttctaca 2700
ctcagtgtta aagtatttat taatgggaag tcaacttaat gttttgaaat aaatatatga 2760
ctctgtttta tgcaaaaaaaaa aaa 2783

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<210> 7865
 <211> 1756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (140)...(663)
 <223> similar to gi62701 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7865
caccgcacc cgtccccgcc gccctccggg actgggtgcg gcggtaggga aggccggggc 60
caggagtact tccaccccg cgggggccag cccggcgct gcctaccagg ccgaccccc 120
tcttctcgca catactccgg ctccgcccgc acctcccccc tgcggcggga ttgctgtca 180
cgggagcccc gcgaagtttt acggatacga taacttacag agacagccga tttttacgac 240
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agagttggaa aaggaatttc tttttaaccc ctatctgacc aggaaaagaa gaatcgagg 480
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cggggaaacg aaaaaggaag cccaagagct ggaggaagac agagccgaag gcctgacaaa 660
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ttctggaaaa aaaaaa 1756

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<210> 7866

<211> 2632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2443)...(219)

<223> similar to gi3123574 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7866

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actataaata ctgctgcttg gaagcagtac aactgtttta gagttttaag actacagact 180
ttcattactc aaatcttatt cagtaaatgt aaaaatcaga aggttctgaa cagctgggta 240
ggaaggtagc caagatgcag gaaagatgtc tgcgcctcct tttcaagggc agccaaactc 300
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cccacccctt cagctcttcc tactctgcc aatcgatgta cgtagttttg cttttcatcg 660
ggcagagtga catttataac ataaggaaca ccgtggatat caattcctct agcagctaca 720

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tctgtgcaaa	tcaagaatct	tacatctcct	ttcttaaadc	tttccaagtt	ttgctttctc	780
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cagaagataa	ttgcttgatc	catcttatgt	tccttgattg	cccgacagc	atactcccct	960
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<210> 7867

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (147)...(644)

<223> similar to gi5737757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7867

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tttcgagggt	gaagctcctc	gacacatgg	tggacacttt	tcttcagaag	ctggctcgccg	180
ccggcagcta	ccagagattc	actgactgct	ataagtgtt	ctaccagttg	cagcctgcga	240
tgacacagca	aatctatgac	aagtttatag	ctcagttgca	gacatctatc	cgggaggaaa	300

tctctgacat	caaagaggag	gggaacctag	aagctgtctt	gaatgccttg	gataaaattg	360
tggaagaagg	caaagtccgc	aaagagccag	cctggcgccc	cagcgggatc	ccagagaagg	420
atctgcacag	tgttatggca	ccctacttcc	tgcagcaacg	ggacaccctg	cggcgccatg	480
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aggtggagga	gctgcagcta	caggtccagg	cccagcagca	ggcctggcag	gctctacaca	600
gagaacagag	ggagctgggt	gctgtgctga	gggagcctga	gtgaggagac	cggccagccc	660
cagaagcaga	gggcagtcaa	ggtcaagagc	ctgtgggtcca	gcatgcctgg	cctgggcggg	720
ctaccctctg	agaacggcct	gaaatggtgc	ccagtcctac	agcagtgatg	gaatttgctg	780
gaggacttag	gccagagcaa	gcctcactgc	cacttgtgcc	tttggggcac	ccttgggggt	840
tgggaaatac	accccttcta	agattcctct	gtttcttcta	cctggataat	tcttggccat	900
gttctctctt	ctctaggttc	aggtcagctc	tggccctccg	cccacaccgc	gtgtgggttc	960
ccagcccttt	tccctggccc	tggcttgagg	aatctgtttt	caatctccac	tgattgcccc	1020
cttgctggac	acaccagggg	gcctttacca	tgttctctcc	acatccgtaa	ataaaacttc	1080
ttcactacac	tgtaaaaaaa	aaa				1103

<210> 7868

<211> 1761

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1642)...(952)

<223> similar to gi3335184 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7868

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ttcctcagtg	gagtcagagt	ccgctgccac	ctgagctttc	caccagatct	tctttccttt	180
ccttgtgctt	tcttcaagct	gcaggcttga	tcccagccca	caaatatgag	agaattctgg	240
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caatgcccac	aaaagccact	gcttctcctt	cccatcccca	gcaatgagct	aagagccaac	540
ctcagccaga	gagagggtct	ttgatcacag	agggtcagtc	agtgggatgt	gattagtggg	600
gtttggggga	tgggagtccc	aggggttaaac	cagagggcaa	agggatcctc	tgagtctctg	660
cttaagggaa	tggggtttca	agttgagggt	tggggactta	gggcagggga	gcagcaaggt	720
gaggaaaaca	gaaaggctgg	catggcgagc	atccttggca	attcaacctg	catgctgtta	780
cactagcccc	catttctgcc	tttgctcaat	ccaatggcca	aagtcagtct	atcctcagca	840
gcaccttctg	acacgatcca	gtggtagtg	ccctcacctg	tggccctcgg	ggtgctgtcc	900
actgtttttc	acagaccag	ccacccccca	gctctggccc	ctggttcttc	acacataccc	960
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gcatgagcag	gaaaagcaga	ggatgattcc	agctatcagg	gagaacaggg	aagaaataat	1140
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gaagtcccg	aggatcccat	gaagattcca	ggcaacagga	atgaatccca	ggaggcctcc	1260
aaggatgaaa	aagactccac	ctgctaccgc	cactctgtct	ttggctcggg	attcctggca	1320
gaagactgtg	catctcatgc	ccaccacaga	gataatgcag	gccaggagg	agattgcact	1380

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ggagaagcca actgctgtca caatgctggc accgacataa gaacttgttt tccagctggg 1560
gagcagcatg gcaaccagtg tgcccaaaaag cccagaaagg cctaggatgt agcccacaag 1620
ttggaggcca agagaggcca tggcagacct ctcagtagaa gcgtcttcag ggactgctcc 1680
cttgcttcca ggctgaagct cttgctcctt gaacacctct aatccctcat ttcagagtct 1740
ctctgccagg ctgacttctc t 1761

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<210> 7869
<211> 1833
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (744)...(1044)
<223> similar to gi3694883 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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agatggaggg cgctccaccg gggtcgctcg cctcccgct cctgctgttc gtggcgctac 180
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aggacggcat cagaattaat gtaactacac tgaaagatga tggggacata tctaaacagc 300
agggtgttct taacataacc tatgagagtg gacaggtgta tgtaaataac ttacctgtaa 360
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ctatgacatc tggttccagt ttgcaactaa ttgtcattca agaagaggta gtagagattg 540
atggaaaaca agttcagcaa aaggatgtca ctgaaattga tatttttagt aagaaccggg 600
gagtactcag acattcaaac tataccctcc ctttggaaga aagcatgctc tactctattt 660
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cactgcaaac cactagccag tatcttatca ggaatgtgga aacctgtga gatgaagatg 780
ttttacctgg caagttacct gaaactcctc tcagagcaga gccgccatct tcatataagg 840
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ggaggctgca gtgagccaag atcacgccac tgcactccag cctgggtgac agagcgagac 1560
tctgtttcaa aaaaaaaaaa gttgacctta ttctctaaaa gggctggcta ttcatatgat 1620
gaattgttaa ggaaaactta aagtggaaga gaacacatgt gaagagactt tgaaattatc 1680
aaaagaaaaa aaaaagacca gacaaaatct catgtgccaa taacttttca aggtgccttt 1740
gttaaggaaa ttatatccac ttaattacta taatatataa gactttatga aaagcacttt 1800

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ataaaattct aatttaaaag gtcaaaaaaa aaa

1833

<210> 7870
<211> 1963
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (652)...(1538)
<223> similar to gi3242753 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7870
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atgtggaagg tgattgtttc gctggtcctg ttgatgcctg gcccctgtga tgggctgttt 180
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aaaattatct tttcatatct gcaagatttt tttcatcaat aaaaattatc cttgaaacaa 1680
gtgagctttt gtttttgggg ggagatgttt actacaaaat taacatgagt acatgagtaa 1740
gaattacatt atttaactta aaggatgaaa ggtatggatg atgtgacact gagacaagat 1800
gtataaatga aattttaggg tcttgaatag gaagttttta tttcttctaa gagtaagtga 1860
aaagtgcagt tgtaacaaac aaagctgtaa catctttttc tgccaataac agaagtttgg 1920
catgccgcga aggtgttttg aaatattatt ggataagaat agt 1963

<210> 7871
 <211> 1612
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (124)...(542)
 <223> similar to gil322550 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7871
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 tccgtctact tcataattac attgtctgat ttagaatgtg attacattaa tgctagatca 240
 tgttgctcaa aattaaacaa gtgggttaatt ccagaattga ttggccatac cattgtcact 300
 gtattactgc tcatgtcatt gcaactggttc atcttccttc tcaacttacc tgttgccact 360
 tggaatatat atcgatacat tatggtgccg agtggttaaca tgggagtgtt tgatccaaca 420
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 aatatatata tttctttgca caatttgtga aaccttataa gccattttcc ccaggtacaa 1140
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 cctccacaat ccccccaaa cccagaaaa cccactggc tcttgccagt ctggttttcg 1260
 tattgcagtt attccaattg tatttgatct ccctgataac gtattttcat ggggttgggt 1320
 agaagatgct aatcagatta gaagcaggaa tagttatttg ctgtctgtga aattgagcct 1380
 tttggtgcgc cacgtggtgc cagatcaaca cttctatccc tctgcactga ccacgttggtg 1440
 aactgggaga cccaaatgca agccatttca tggacatagc aatatacaac caaactctgt 1500
 tccttgagat tatattgtaa actcttgagc gtgggagagc agttcacctc cttagctctg 1560
 tttgccagct cttacagggg aaaataaacc tgggcaattt atcctcaaaa aa 1612

<210> 7872
 <211> 1758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1759)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1683)...(411)

<223> similar to gi4587714 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7872

tttttttttt	ttagattcat	ctttttaatg	acatcctaaa	attcagagga	ggggccagcg	60
ggacctctgg	gctcagcggc	tgtgaaggag	ggacccgcaa	cacccgctaa	ggcaggtaat	120
tgcaagaagg	cactcgcgag	ggggacttca	agccctctt	ctatttcttc	atataaaatc	180
aggggatgg	ggaaagctcc	aagggcgagg	gaagcagaga	gagtttctct	cccagcctat	240
ggaataagga	agaggtgagg	aagggtgagg	tgctgggagc	aagaaactgc	caagtccagg	300
acctgccctc	acacagacac	acacagcccg	cacctgccct	ccctctaaaa	tctgcatccg	360
gggctgtaag	gaagccccgt	gttcaagccc	ccatctcttc	tcccttctag	ctggtacgaa	420
gttggtaatc	gccactctgg	gtgatgtagc	gaacccaggg	cagggcctgg	taaccacttt	480
tctcaatgat	cttcatgtat	cggacctgga	tcccagagac	ggtgaagtag	gggatctcaa	540
acttgacccc	gatggggggc	cggccctcca	cctcttccct	ttccacactg	gggaggccaa	600
agtgggctcg	catcaagtac	tccttgcccc	ccgggaaaga	cttaatactc	caaatacaga	660
cgtttctctc	cggcacatac	ttggcgctgc	ccacactggg	cttgaatctg	ggggagtcgg	720
catcgctggg	tacaggcaca	gatatctcca	caccgttggc	caacttctca	atgacagact	780
gcccccttggc	cttgacctg	atctccacgc	ggctgtggga	gaacttctca	atgacagact	840
caatccagat	cagtggcttg	acctgggtgc	tgaggcggtg	tgacatgagc	tcaaagtcac	900
catcaggcgg	gatgaaggag	atgggtgcgt	cgttgtcaaa	gcgagagagc	cgcacgcact	960
ggtggaat	tacatcctcc	agctctactg	atttgttctt	gctgcggcca	gtgagctcga	1020
agagcacgcg	gtcattgagg	cccagccgca	gctctggcat	tctgacaga	aacaccttga	1080
gcttgatggt	accgacgatt	tcgctcagaa	ggacgtgcc	gttggcattg	accagcaggt	1140
tgacagactc	tatgacatca	atgaagacct	cgttcttctt	atacttgata	ccctcggagc	1200
gccaggacac	agcgttgggtg	acagtgggtg	gcacccgtga	cttgcccgtc	tccagcttgt	1260
tgctctgctg	agtgatgtac	tcctgcagga	tcttgctgtc	ggtggtctgc	gggaagccaa	1320
agtccatgag	ctcgtccagc	aactcgtaga	cgatgacaaa	gttggtcccgg	atgctctcct	1380
cctccagctc	cttgaagtat	tcgcagaata	cctctattgt	cttatacagg	aaggagtaca	1440
ccagggaggc	attggcattc	ttcgatgtgg	tggccaccaa	gtagagggtg	ctgtgtttga	1500
tccataggaa	gtggacctgg	ccgtggctca	gcagcggggc	cagggcgccct	tcctcctccc	1560
gctgtaccag	caaaggcatg	aagtgtctaa	tcttgctcat	ggccacatcg	cccttgtagt	1620
tgcggtgat	caatggcttg	cccttaacgt	ccagaatgaa	gacagccgag	gcggacatgg	1680
tggcggccga	aggacttagg	agtcggggag	ggagcgccgg	gaggcgatgg	cgggtgccgct	1740
tccncttca	gattggtg					1758

<210> 7873

<211> 1666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (165)...(910)

<223> similar to gi4929325 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	7873					
gcacgagggtg	aaaatgggtg	tccctgctgc	ctcttagcaa	caagaggggt	caagtgcac	60
aaccagctga	ctcccgtaga	ggaagacact	gtggaggcca	gttctggagc	tattgcagcc	120
tcggttgccc	ggccggggac	ccgagccgaa	aagttatcgt	cagaatgtcg	ggcaaagacc	180
gaattgaaat	ctttccctcg	cgaatggcac	agaccatcat	gaaggctcgt	ttaaagggag	240
cacagacagg	tcgaaacctc	ctgaagaaaa	aatctgatgc	cttaactctt	cgatttcgac	300
agatcctaaa	gaagataata	gagactaaaa	tgttgatggg	cgaagtgatg	agagaagctg	360
ccttttctact	agctgaagcc	aagttcacag	caggtgactt	cagcactaca	gttatccaaa	420
atgtcaataa	agcgcaagtg	aagattcgag	cgaagaaaga	taatgtagca	ggtgttactt	480
tgccagtatt	tgaacattac	catgaaggaa	ctgacagtta	tgaactgact	ggtttagcca	540
gagtggggga	acagttggct	aaattaaaga	ggaattattgc	caaagcagtg	gaactactgg	600
tggaactagc	ttctctgcag	acttcttttg	ttactttgga	tgaagctatt	aagataacca	660
acaggcgtgt	aaagtcctt	gaacatgtca	tcattccccg	gattgaacgt	actcttgctt	720
atatcatcac	agagctggat	gagagagagc	gagaagagtt	ctataggtta	aagaaaatac	780
aagagaagaa	aaagattcta	aaggaaaaat	ctgagaagga	cttgagcaa	aggagagcag	840
ctggagaggt	gttgagacct	gctaattctt	tggtgaaga	gaaggacgag	gatcttctat	900
ttgaataatc	tttctgttct	tggttctttg	agaaacccta	acactggctt	cattttaatt	960
cacagtgtgt	aggtttgatt	tgtgtggcta	ttgatttttt	ggcctaagaa	tttctactgt	1020
tgtaaaatth	acctagatgt	ctatttatgg	gattactttt	gcagaatcat	aatttagcaa	1080
ccatttatca	tggatgaaag	agatctgtaa	aacctgccca	ggaacttaca	gaatttactt	1140
tgcagaagcg	ttatcatact	ccattttacat	ctgtgttaca	cgtgatctgc	ttaccaagca	1200
tattagggaaa	tacctcttag	gaagcattag	cgtgtctcag	ccaattactg	tggagcagct	1260
ttcatttccta	cccacttgca	aaccttggcg	ctgttgtctg	agattgctgc	agccattctt	1320
gttaccatgg	tacttctcaa	actttgtgaa	aacctgcact	tttcttgca	tgacaggttc	1380
ctgtcttgtc	tgtcatggga	gccattctgc	caatttaaat	gcagctgtgg	tataaacagt	1440
aaaatgattt	aaaagtaagt	cattccgttt	ttattaaatt	actgttaagt	catgtttctca	1500
tgtctcagat	agtagtgtca	gccagagctt	tctctgcaga	catgtaggaa	gtgggtagct	1560
atttttccca	ctccatgtat	tagagtttta	caaaaaggct	tacttttgag	acaactgttg	1620
cattttgggg	tactaataaa	tgattgccga	tgagttaaaa	aaaaaa		1666

```
<210> 7874
<211> 1504
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (400)...(974)
<223> similar to gi33969 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7874						
cccggtcgac	cacgcgtccg	gaattttgat	ctaaatagca	aatctattct	gcaggaattt		60
ttttgcaccc	gaagtattca	gatccctgtg	aatagatcaa	aaacagctat	gtctaaatgt		120
ccaatatattc	caatggccag	gagtatattgt	acttctggcc	ccttggataa	ggaagatact		180
ggaagacaga	agctcatttc	tacaggcagc	ctgccagcta	ctttacaagg	agctacagat		240

```

tcttttaggtt tagaatggca ccttccaagt cccgatcctg tcaactgttcc gtatccttagt 300
ccttttagtgg tatggaaaga acttgaaagc ttatttgaaa atgaagggtga tcatgcaata 360
acagtagcag actttgtgga ccatcatcca attgtttttt ggaacctggt atgggtatttc 420
agacgtcttg acttgcccag taacttacct ggattgattc tttcttctga gcaactgtaac 480
aagtattcaa agattccccg ccaactgtatg tctgaagata gcaaatatgt tttaatacaa 540
atgttatggg acaatatgaa gttacatcag gatccgggac agcccttgta cattctctgg 600
aatgcacaca cccaaaaata tccaatgggc catttattgc aaaaaagtga taactcattt 660
aaccaggaac tgttgaaaag tatggtaaaa agcattaaaa tgaatgatgt ctatggacca 720
atgagtcaga ttttagagac actgaataag tgtccacatt ttaaaagaca gaggagttta 780
tacagagaaa tactatttct ctcaactgtg gcaactggaa gagaaaacat tgatatagat 840
gcttttgata aagagtacaa gatggcatac gatcgtctca cacctagtca agtcaagagt 900
acacacaact gtgatagacc accaagtaca ggggtgatgg aatgtcgaaa aacctttgga 960
gaaccttatc tttaagatgt atttgtatgt gtaaacattc aatgtatat gtatagtcag 1020
tgtataaaat aacactttta gactctaaat attttttctt caatttttga aaatacaatt 1080
tgtaaatggt ccaaaggact ccagaccagc ttatgtacca gaatgtttga agaagagaat 1140
agtgaccaag tggggagaaa agcccacttg gtttctcatt tctttttcct tcttctttta 1200
ctcccctgta ataggaaata aagtattttt gtgatgagga aatccctaaa caaaattagt 1260
tgccataaaa tatgacaact gctttatggg ttcttttgga agagacagat tgaaaaatca 1320
tgaatggaat cctaaacaga aatgtcagat gaacgtattt cctgttttca tagactattc 1380
aaatgttttg accatgaagt tgtattatac atatttttaa ttgtttatag taagttgata 1440
tttttttaat ttttaaattt aatatagcaa acttaaaatg aatttaaact taagcaaaaa 1500
aaaa 1504

```

<210> 7875

<211> 1398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1296)...(264)

<223> similar to gi2984585 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7875

```

tttttcactt tacaagaagt tcaactcttat tcatggaggc atcatgctga caggactgga 60
tccaaggaaa atgctagtga ctttcccaac ttcattcccc aatcaaagag gacagtttct 120
ggtttgccac tgggtagttt attacacgac taaagttcaa ataaaaaaat aaaaaccaa 180
atcttggcag ggaagctaga gccagaatca ggaaaatctg cttccttgtc ccagactcc 240
ctggccaagc ccagctccac taactcatct tgactcgatc aagttcctca tcaagacttg 300
catctgtacc ctggacatct ctgctgctcc cactggagag tgagtctgga gtccctggca 360
ctggggcttt ggtgagggct ccatatacac ccatggcctg agccaccatg ctggtgacat 420
cgccagggtt ggagggcagt aggatagtgt tggagtcctt ggccagtttg gagaacgcgc 480
tgacatactg ctcgccaca gtcagtgaag ctgctgcatc tccattatgt tgtgtcagag 540
ctgcagccag gattcgaata gcttcagctt tagccttggc cttcgccaga actgcaactgg 600
cctctcctgc tgcctgattt atctgttcag ctttttctgc ttcggaggcc aggatctggg 660
cctgtttctt cccttctgcc acattgatgg ccgactctcg ggtccctca gactctagaa 720
ctgtggcccg tttccgccgc tctgcctcca cctgcatctg catagactct ttcacccggg 780
gtggcacatg gatatccttg atctcataac ggaggcagcg gataccccag cagtcagcag 840
cttggttgat ggcattccaca atgctggcat tcagggactc ccgttcccgg aagactttgt 900

```

```

ccagagagag tttgccgagc tctgatctca tggttgtttg agctagctgg gtgacggcat 960
actcagggtc ctccacaccg tagcttgccct tgtaaggggc catgatgcgc aggtaaagga 1020
ctccatcgat ttgcagagtt acattgtcga gagtcacagc cgactgctca ggcacgttga 1080
tgacaatttc cttgagactc tgcacatata ggatccggtc taacacaggg atgaggatgt 1140
tcaaaccagg ctccaggatc cgggtggaatc ggcccatcgc ctccaccacc caggcctcct 1200
gctgcggcac gaacagtacc acggtgtttc ggggcaatcc agaggaggcg cggcgcgagg 1260
cgcggccaga agccagtaga gagcccctca gcaaaagggc cccagtggcc cgcggcgcgc 1320
gcgccagcat ttcccaccgc cgcagcgacc tccggaacca acgagacgag cggagcggtc 1380
gctcccagaa gcctaccc

```

```

<210> 7876
<211> 1437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (125)...(1292)
<223> similar to gi387012 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7876
aaccggtgac tttcagaggc cgataaggcg ggacccaact tgtatataag gggcagctca 60
tgctgctgct ctgcaccttc ctcccgctctt gccttctccc tcgagttggg acccggaag 120
aaccatgaag tggctgctgc tgctgggtct ggtggcgctc tctgagtga tcatgtacaa 180
ggtccccctc atcagaaaga agtccttgag gcgcaccctg tccgagcgtg gcctgctgaa 240
ggacttctcg aagaagcaca acctcaaccc agccagaaag tacttcccc agtgggaggc 300
tcccaccctg gtagatgaac agcccctgga gaactacctg gatatggagt acttcggcac 360
tatcggcatc ggaactcctg cccaggattt cactgtcgtc tttgacaccg gctcctccaa 420
cctgtgggtg ccctcagtct actgctccag tcttgctgc accaaccaca accgcttcaa 480
ccctgaggat tcttccacct accagtcac cagcgagaca gtctccatca cctacggcac 540
cggcagcatg acaggcatcc tcggatacga cactgtccag gttggaggca tctctgacac 600
caatcagatc ttcggcctga gcgagacgga acctggctcc ttcctgtatt atgctccctt 660
cgatggcatc ctggggctgg cctaccccag catttctctc tccggggcca caccgtctt 720
tgacaacatc tgggaaccagg gcctgggttc tcaggacctc ttctctgtct acctcagcg 780
cgatgaccag agtggcagcg tggatgatct tgggtggcatt gactcttctt actacactgg 840
aagtctgaac tgggtgcctg ttaccgtcga gggttactgg cagatcacccg tggacagcat 900
caccatgaac ggagaggcca tcgcctgcgc tgagggtgc caggccattg ttgacaccgg 960
cacctctctg ctgaccggcc caaccagccc cattgccaac atccagagcg acatcggagc 1020
cagcgagaac tcagatggcg acatgggtgg cagctgctca gccatcagca gcctgcccg 1080
catcgtcttc accatcaatg gagtccagta ccccgtgcca cccagtgcct acatcctgca 1140
gagcgagggg agctgcatca gtggcttcca gggcatgaac ctccccaccg aatctggaga 1200
gctttggatc ctgggtgatg tcttcatccg ccagtacttt accgtcttcg agagggcaaa 1260
caaccaggtc ggcctggccc ccgtggctta agcctaagtc tcttcagcca cctcccagga 1320
agatctggcc tctgtcctgt gcccaacttta gatgtatcta attctcctga ctgttcttcc 1380
caggggagtg tggaggtctt ggccctgttc cctgtcctac caataacgta gaataaa 1437

```

<210> 7877
 <211> 2010
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (543)...(942)
 <223> similar to gi2924495 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

6490 "543" 6490

```

<400> 7877
gcttcttttca cacgggttgc ttcgaggagaa tccgcctgtgc aaatctgtcc gcccccttgg      60
ccactgatcc cccgaagagc ttctgtcgcc gctctaggaa tacagacatt gaagtttggg      120
acaagatatt tatctaactt ctgtgtcaaaa attagcgacc tgctatggca atgaagaaaag      180
aaactgaatt tgtcattttc acctgaagaa aaatgataga caaaaatcaa acctgtgggtg      240
taggacagga ttctgtgccc tatatgattt gtctgattca catactcgaa gaatggtttg      300
gtgtggagca gttggaggac tatttgaatt ttgcaaaacta tctcttgtgg gtttttacac      360
cactaatact tttaataactt ccttacttta ctatctttct tctctacctt actattattt      420
tcttacacat ttataagaga aagaatgtat tgaaagaagc ctactctcat aatttatggg      480
atggtgcaag gaaaacagtg gcaactctgt gggatggaca tgcagccgtt tggcatgggt      540
atgaagttca tggaatggaa aaaataccag aagatggacc agcacttata attttttattc      600
atggagctat tcctatagat ttttactatt tcatggctaa aatatttata cacaaaggca      660
gaacttgccg agtagtagct gatcactttg tctttaaaat tccagggttt agtttattac      720
tggatgtggt ttgtgctcta catggaccaa gagaaaaatg tgttgaaatt ctgaggagtg      780
gccacttggt agctaactca ccagggtggag ttcgagaagc cctaattagt gatgaaactt      840
ataacatcgt atggggtcac cgcagaggct ttgtcaggt tgcaattgat gcaaaagtgc      900
ccattattcc tatgtttaca caaaatattc gagaaggatt tagatcactt ggaggaacaa      960
ggttattttag gtggctttat gaaaaattcc gctatccatt tgctccaatg tatggagggt      1020
ttccagtga gttacggacc tatttaggcg acccattcc gtatgacca cagataacag      1080
cggaagaatt agctgaaaag acgaagaatg ctgttcaagc tttgattgat aagcaccaaa      1140
gaataccagg aaacattatg agtgctttgt tagaacgttt tcattgataa caaagggtca      1200
actagaagat gatttagtac atttatatta aatgtttcta tctaaggtag tgtcttctga      1260
attttgtagg tcctataatt agtatttttt aaaaaaatca tgtaataaag catctttcac      1320
agaattcggt tctttaaaat agtcaatttt gtttttgcaa ttgggtcaaa tactaacaaa      1380
ttacacacct agtaattcaa aaaaagatgt cttatttgta aattcctaac aatttatgct      1440
aaacatatag attcttaagt ttattaataa cagcagttta ggttaaaca acattcctgg      1500
ataatgcgtt aaatttctgt atctgtcgcc ctgagctgat tttgaaagat ggtataagct      1560
aggggttagt atagttgttt aagttagaaa aaacatgctg ttgtctgccc ctcatccct      1620
tcatgacctt gggcaagtca cgtaatgttt ttgtgcctca acaattcact ttttaaaaac      1680
atgatcgat gatgaatgat attattttgt tatttatatt tactgtgatt gataactggt      1740
gaaccaaaat aataaaaata ttaattttaa caatgtcaaa atcctttagc agttatgtat      1800
atattttctc cattgtgtgt ttaaattgtc atgtccagtt gccaaagcaca atgaaaaaga      1860
tgtattattt tttaaattga ataaaaaatt aggaaaaata aaatttctaa ttattatttt      1920
tagtatgata tttttaacaa gagtctatag gcaacaata taggggtgtg tgtgcattgg      1980
tcagccctat actgtggtct taataatgcc      2010
  
```

<210> 7878
 <211> 3215

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (224)...(2944)
 <223> similar to gi2564328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7878

tttcgtcgcg	gagggagggg	cggggcgggc	tccggtgtca	gcgaccaagc	cgcaggtggc	60
ggcgagcgcg	gggctcggcc	cgagctcagg	agatggggaa	actgaggcac	ggagctggac	120
agtgactcag	acaccaggag	ctgcctggag	tggagctgag	agctcaggtc	tgggctcagc	180
cagtccagag	tgcaaatcta	ctgtcccttc	ctggctgtgt	gatcttgaca	ggcactggac	240
ggggcctgca	ggggtctcca	cagagaccat	caggatgtcg	tattttgggg	agcatttttg	300
gggcgagaaa	aatcatggct	ttgaggtcct	gtaccacagc	gtgaagcagg	ggcccatctc	360
caccaaggag	ctggcggact	tcatccggga	gagggccacc	atcgaggaga	cctactcgaa	420
ggcgatggcg	aaactctcca	agctggccag	caacgggacc	cccatgggga	ccttcgcccc	480
gctctgggag	gtcttcgcg	tctcctcgga	caagctggcg	ctgtgccacc	tggaaactgac	540
acggaagtta	caggatctca	tcaaggacgt	tctccgctac	ggcgaggaac	agctcaagac	600
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cgtcagccag	ctcctgcccc	agtcccgcga	gaactacctg	aaccgttgca	tggaccagga	720
gcggctgcgg	agggagagta	ccagccagaa	ggagatggac	aaggcggaga	ctaaaaccaa	780
gaaggcggca	gagagcctgc	ggcgctcagt	ggaaaaatac	aactcagccc	gagctgactt	840
tgagcagaag	atgctggact	cagccctgcg	cttccaagcc	atggaggaga	cacacctgag	900
gcacatgaag	gcactgctgg	gctcatatgc	tactcgggtg	gaggacacgc	acgtgcagat	960
tgggcaggtg	catgaggaat	ttaagcagaa	catcgagaac	gtcagcgtgg	agatgctact	1020
caggaagttt	gcagagagta	agggcacagg	ccgggagaag	cctggacctc	tggacttcga	1080
ggcatacagt	gcggctgccc	tgcaggaagc	gatgaaacgt	ttgcggggag	ccaaggcctt	1140
tgccttcca	ggactaagcc	ggcgggagcg	ggagccagag	ccacctgcag	ctgtagattt	1200
cctggagccc	gattcagga	catgtccaga	ggtggatgaa	gaaggtttca	ctgtccggcc	1260
tgatgtgacc	cagaacagca	cggccgagcc	ctcccgtttc	tcgtccagcg	actccgactt	1320
cgacgatgaa	gagccccgca	agttctatgt	gcacatcaag	cctgcccccg	cccgggctcc	1380
agcctgcagc	cccgaggcag	cagcggcaca	gctcagggcc	accgcgggca	gcctcatcct	1440
tcctcctggc	ccagggggca	ccatgaaacg	ccattcttca	cgggacgctg	ctgggaaacc	1500
ccagagacct	cggctctgcc	ccagaaccag	cagctgtgca	gagagattgc	agtcagagga	1560
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gtctgtgcct	ctgcagctca	gtgcccactg	gcagtgtgga	gccaccctca	cccaggtctc	2580
agtggagtag	ggctaccggc	cgggtgccac	ggctgtgccc	acaccactca	cgaacgtcca	2640

094025203460

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gatcctgctg cctgtggggg agcctgtgac caacgtccgc ttgcagccgg ctgccacctg 2700
gaacctggag gagaagcggc tcacttggag gcttccagat gtgtccgagg caggcggttc 2760
tgcccgctc tctgccagct gggagccgct ctccggccc agcacacca gcccctggc 2820
tgcacagttc accagcgagg ggaccactct gtcgggctgt gacttggaac tgggtggcag 2880
cggttaccgc atgtcgctgg tgaagaggag gtttgccaca gggatgtacc tgggtgagctg 2940
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ccctgcccctc ctgccggacc ctggggcctc ccaccccagc ctccctgagg cccatactcc 3060
acggagagga gcccctatgcc cagcctggct gagcccgaga ttcgctcctc cccctcatgc 3120
caacccaca caggtcccgg ccttttaatg ttctttgaat aaacacttta ttttctaata 3180
aaataaaaaa ggaaacctta aaaaaaaaaa aaagg 3215

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<210> 7879

<211> 2156

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (100)...(1413)

<223> similar to gi5732691 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7879

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aaagccattg atctgggtgac gaaagccaca gaggaggaca aagccaagaa ctacgaggag 180
gcgctgcggc tgtaccagca tgcgggtggag tacttcctcc acgctatcaa gtatgaggcc 240
cacagcgaca aggccaagga gagcattcga gccaaagtgcg tgcagtacct agaccgggccc 300
gagaagctga aggattatctt acgaagcaaa gagaaacacg gcaagaagcc agtcaaagag 360
aaccagagtg agggcaaggg cagtgcagat gacagtgaag gggataatcc ggagaaaaag 420
aaactgcaag aacagctgat ggggtgccgtc gtgatggaga agcccaacat acggtggaac 480
gacgtggccg ggctggaggg ggccaaggag gccctcaaag aagctgtcat tttgccaatc 540
aaattcccac acttggttcac aggcaagcgc acccctggc gggggattct gctgttcgga 600
ccccctggca cagggaatc ctacctggcc aaagccgtgg caacagaggc caacaactcc 660
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cagggttgt cccagtcaat acagagttcc ctctgctgtc tggccgtctg ccaggagacc 1560
agaaggaagg gccttgccagc cacagagaca ctccactgcc ctggggcaca cagtggacac 1620

```

```

tgctcttccct acttctctct ctcttgatg ctcacagct ccttctgcct ccccccttt 1680
tttttccatc ttttgttccc ctaaattaat gctgcttgga ttttcatctt atttataaag 1740
ataaaatcac ctggaagtgt caaggagtgg ggcgggggtg cgggggagaa gcagccgtgc 1800
tgccaggtca cccagacctc cagacagccg gctagcccca ctgcccgttc cttttacgcc 1860
caagttttgc tccttgagag cagattggct gatgcccctg caaccccagc ccaagctctg 1920
cctcaaagac cgagtgcacat aagccattcc caccctccta ggttcacatc cagggctgtg 1980
tcttccttgg gggaggagat ggtgtcgttt aaatcagggg aaggcagtca ggcgggtgtt 2040
caccactgcc ttttcttccct ctgagcgtga gaacactgaa cccagccact gccctgggt 2100
ccctgtcctg gaaatggtct aataaatcct tttcccttct tgagctaaaa aaaaaa 2156

```

```

<210> 7880
<211> 2137
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1752)...(386)
<223> similar to gi2832739 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7880
tcgcttatac tcattcagca aataattatt gaactccatt tacgtaccag acactgttaa 60
ttgatgttac tcacttttcc tttcagaact aaagccttat cagttgtgtg ttgagatagg 120
aagaggagac tttttccact tcttgtgttt cctacagtta ctcccttccc aaactgataa 180
agtatacagt ttataaaaaa cttaaaaaact cattcttact ggtaaattca ttttaataat 240
gaggggaaaa aacttttagtt attaaaaaca aaagaatgaa tacacataca cacactaaat 300
gtggcagatg tttccaggag agattagcaa cagagaggcc acatgatcaa ataaaaattta 360
cacttttgat gggattgtcc cctcgcggcc acccaagtgt ttgtggaaga aagtctggag 420
ttgtttccaa gcatccacct gagccatggc atgagccctg ggctcccctc cccagataat 480
aggactgccc accaaggcat gcagggaagc ccgacacagg gggaagtaag gaggtcaat 540
atagtgcctt gtctctgggt aacagatgat ctggggcttt ctctcccat gggcctgcaa 600
gcgtttacag gcctcattag catagaactc actcttcag ttgtggtcat cctgacctac 660
caggaacagg aaggtgctct ctgccctttc cacaggaatg aagctcttct ggtcagggtcc 720
ttccaaaggg ctgttcagga catccacaat gtctgcatag ccacttttgg tcaccttgat 780
gcgatttctg ttgacgcccc cagggggcag ggtctcgccc ttgtagcgta aggttcccccc 840
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catggaaagg cagagctcac ccccttttga aattccaagc agcccaactc ctggaccttt 960
tacctcgagg tgactgagca agtagttcat ggcttcttca aagtactcca gatggagcgt 1020
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cttcccagcc agcagactag cccgatactc cagcaggcca cctccagttc cgaacatgtc 1140
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ctcgtcgcgc agggacgcgc gcagcgtgac cggctgctcc ggggctaggc cgcgcacggc 1560
gattcgcacc ggttcgtccc agcagcagcg gcccgcaggc tccaggatca gcgtcgcgc 1620
catccgagca ggaaccctaa tgatctgacc aacctgcctc agctgtggag accccaggaa 1680

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ctgcgccgaa	ctcttcaggc	tccattggta	cagccgggac	gctcgaagga	cagcaggaga	1740
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gttagacatc	ctctcgggct	gccgtcgcag	gctaagcgcc	cactagggca	gagctgtctg	1860
ctaactgtgag	cggggaaggc	cagagtccag	ccgatcagcc	agaccaaata	tagacacact	1920
ggaacttgct	taaagtctcc	tgtgttgaaa	cctccacttt	atgttgghaaa	gctacttcct	1980
aggtttgctt	ttcagaagct	tgctggcctg	cggaatgggc	tggaaccagg	ctggttctta	2040
aagaaccagg	cagctagcag	tctccaggct	ccaaactcct	gacggcgaag	aggaatgcag	2100
agctggagtt	agttttgatc	actttgttga	ataattt			2137

<210> 7881
 <211> 1135
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (113)...(390)
 <223> similar to gi337730 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7881	
ggggcagagg	gaataagagg
agagacgacg	cctgcagcaa
gctggagaag	gccatggttg
agacaagcac	aagctgaaga
tttcttagag	gaaatcaaag
tgatggagac	ggcgaatgtg
tgctgccac	gagttctttg
acagagacgg	tcatgcaaga
tttccagccg	tggtgtagct
aacctctttc	caaaggctgt
tgtgtaagct	gactggcccc
tgataaagcg	tgacccgtgc
ctgactacag	aaattacccc
ccttatccag	cattatttga
ataacagctg	gttgcccggt
ggatgcgctt	gatcaccagg
catcagaact	cgcaatccga
cgattcaagt	cgcggtctga
cgagggcact	accggggggt
ccaccagtcc	tgccgcccag
aaggggtgag	acaaggaaga
cgttttccac	caatattctg
caaggagctc	atcaacaatg
gttggaacaa	gtcatggaaa
attcatggcc	tttgttgcca
agattagaaa	gcagccaaac
caagggcttg	cagcctagta
cttgatttgc	tttgtgattg
tgcatcattc	tttctgctat
gttaacagta	acttaggagt
ggccgtgtag	accctaacc
taaaacttcc	actaccttta
tgcgttcctc	atccatgcag
aagggcgctg	tggttcggc
cgctctggaa	aaagcaactc
cgtggcctcc	gtgacctatg
cctccagcac	atgctggctt
gcgttcaata	aaaag

<210> 7882
 <211> 2844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (211)...(2113)
 <223> similar to gi4107276 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7882

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atccttcctg	ccttgacagc	cagtctgtga	aatgatggtg	aggtgggcac	ttctttgttg	120
tgagtgcaga	tctggatgga	gattttgtgaa	ggcaaggaga	ttgaagacat	gtcctcataa	180
gagggagaaa	atctgagctg	gttccaggaa	ttctggggag	acattgccaa	ggaattttac	240
tggaaactc	catgccctgg	cccattcctt	cgggtacaact	ttgatgtgac	taaagggaaa	300
atctttattg	agtggatgaa	aggagcaact	accaacattt	gctacaatgt	actggatcga	360
aatgtccatg	agaaaaagct	tggagataaa	gttgcttttt	actgggaggg	caatgagcca	420
ggggagacca	ctcagatcac	ataccatcag	cttctgggtc	aagtgtgtca	gttcagcaat	480
gttcttcgaa	aacagggcag	tcacaagggg	gaccgagtg	ccatctacat	gcctatgatc	540
ccagagcttg	tgggtggccat	gctggcatgt	gcccgcattg	gggctttgca	ctccattgtg	600
tttgaggct	tctcttcaga	gtctctatgt	gaacggatct	tggattccag	ctgcagtctt	660
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gacgaggccc	tgcaagaagt	tcaggagaag	ggtttcccag	taagatgctg	cattgtggtc	780
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gagctcatgc	aagaggcagg	ggatgagtgt	gagcccaggt	ggtgtgatgc	cgaggacca	960
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gatgtgttct	ggtgcacggc	agacattggt	tggatcactg	gtcattccta	cgtcacctat	1140
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gtgaaccgcc	tgtggagcat	tgtggacaaa	tacaagggtga	ccaagttcta	cacagcacc	1260
acagccatcc	gtctgctcat	gaagtttgga	gatgagcctg	tcaccaagca	tagccgggca	1320
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ctctaagtgc	ttgtcacctt	gtgtgatggc	cacaccttca	gccccaaagt	caccgaggag	1920
ctcaagaagc	agattagaga	aaagattggc	cccattgcc	caccagacta	catccagaat	1980
gcacctggct	tgctaaaaac	ccgctcagg	aaaatcatga	ggcgagtgtc	tcggaagatt	2040
gctcagaatg	accatgacct	cggggacatg	tctactgtgg	ctgacccatc	tgatcatcagt	2100
cacctcttca	gccaccgctg	cctgaccatc	cagtgaacat	gatcctgacc	tttacctagg	2160
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cagctgtgta	atcctatgtc	agctctctta	ggaagcccca	gtacttatat	tgggcatgca	2520
cttgccctta	aaaacaatga	tttgtgagtc	caggaacaat	ttactatttt	taaaatattt	2580
tgtgtcttct	gttctgggtc	tgaattccct	tttgtgccag	attcagtctc	cagagggtat	2640
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ctcagatgaa	actctgtttt	cttgccccag	tcagggtcaa	gccctgtggt	tgtaggaata	2820

6495 "011000"

aagcctgtga tctcaaaaaa aaaa

2844

<210> 7883
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (351)...(261)
<223> similar to gi3478640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7883
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cctgcccagg cgctgatgct gcgcacagcc cccccccatt ccctccctcc cgccctcctg 120
gccctggcca gctcagctct gtccgggggtc ggagaggggg tcctgaggca gcagcagccc 180
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gcaggccccag ctgctgtcag tgctgcttga gacactcagc agcatcttcc aaggtcaggt 300
tggccaagtg tgggggctcc agacacctta aggctggcga taccaggctg cggggagacg 360
aggctgcctc agctctccat gtccccacc ccctgcctcc ctccctgggg gccccaggcc 420
tctctccca gctgggacgt gtggtcctat gtgtggccac atccacgaca ccctcgtgcc 480
tgggatgtca gcagggtgtg caggccgcgg cacgctggtg ttggttacg agcaccctt 540
ctcccgaggc ctcccttctc tgggtcactc acaaggccgg ggtggctctg tgtgtcccag 600
gccaggagaa ggcagaggag cgtgggtctgt tcatgaaacc accacatggg tgtggttgca 660
gagggtgacat ccagcagggtg tcccagggtat agggagagcc ccacctgcag tgccccact 720
gatctagagg accccctagc cccctcgaa ttctgcac 759

<210> 7884
<211> 1560
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1561)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (638)...(1001)
<223> similar to gi2668616 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

001210"3228460

<400> 7884

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ccccagccgc	ctcgccctc	ctccctcatt	cccagcctgg	gtttggaggc	gatttccctc	120
tattgactga	gccgactgca	tctctgggca	agcggcgctt	tgctctctc	ctgtctttgt	180
ctgctcttcc	tgcagccctg	gcagcgggca	cacccttaag	catacgacc	caacgcctcc	240
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caaggaaaga	aataatgaag	agacacatgt	gttagctgca	gccttttgaa	acacgcaaga	360
aggaaatcaa	tagtgtggac	agggctggaa	cctttaccac	gcttggtgga	gtagatgagg	420
aatgggctcg	tgattatgct	gacattccag	catgaatctg	gtagacctgt	ggttaaccg	480
ttccctctcc	atgtgtctcc	tcctacaaag	ttttgttctt	atgatactgt	gctttcattc	540
tgccagtatg	tgtcccaagg	ggctgtcttt	gttctttcct	ctgggggggtt	ttaaagtgtc	600
acctgtaggc	antgcaaata	tcaaggaaat	acctagagat	cttcctcctg	aaacagtctt	660
actgtatctg	gactccaata	agatcacatc	tattcccaat	gaaattttta	aggacctcca	720
tcaactgaga	gttctcaacc	tgtccaaaaa	tggcattgag	tttatcgatg	agcatgcctt	780
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caccatgttt	ggctggttca	ctatgggtgat	ctcatatgtg	gtatattatg	tgaggcaaaa	1140
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agcagatgaa	cctgatgata	ttagcactgt	ggtatagtgt	ccaaactgac	tgtcattgag	1260
aaagaaagaa	agtagtttgc	gattgcagta	gaaataagtg	gtttacttct	cccattccatt	1320
gtaaacattt	gaaactttgt	atttcagttt	cttttgaaat	atgccactgc	tgaactttta	1380
acaaacacta	caacataaat	aatttgagtt	taggtgatcc	accctttaat	tgtacccccg	1440
atggtatatt	tctgagtaag	ctactatctg	aacattagtt	agatccatct	cactatttta	1500
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<210> 7885

<211> 2859

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (165)...(903)

<223> similar to gi386420 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7885

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gcacggaaga	catatgcttg	tgagacaaag	gtgtctctga	aactatggat	ggtacaagaa	180
cttcacttga	cattgaagag	tactcgata	ctgaggtaca	gaaaaaccaa	gtactaactc	240
tggaaagaatg	gcaagacaag	tgggtgaacg	gcaagactgc	ttttcatcag	gaacaaggac	300
atcagctatt	aaagaagcat	ttagatactt	tccttaaagg	caagagtgga	ctgagggtat	360
tttttcctct	ttgcggaaaa	gcggttgaga	tgaaatggtt	tgacagccgg	ggacacagtg	420
tagttggtgt	ggaaatcagt	gaacttggga	tacaagaatt	ttttacagag	cagaatcttt	480
cttactcaga	agaaccaatc	accgaaattc	ctggaaccaa	agtatttaag	agttcttcgg	540

ggaacatttc	attgtactgt	tgcagtat	ttgatcttcc	caggacaaat	attggcaa	600
ttgacatgat	ttgggataga	ggagcattag	ttgccattaa	tccaggtgat	cgcaa	660
atgcagatac	aatgttttcc	ctcctgggaa	agaagtttca	gtatctcctg	tgtgttcttt	720
cttatgatcc	aactaaacat	ccaggtccac	cattttatgt	tccacatgct	gaaattgaaa	780
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gacataaaaag	ttggggaatt	gactgtcttt	ttgaaaagtt	atatctactt	acagaaaagt	900
aatgagaca	tagataaaaat	aaaatcacac	tgacatgttt	ttgaggaatt	gaaaattatg	960
ctaaagcctg	aaaatgtaat	ggatgaattt	ttaaaattgt	ttataaatca	tatgatagat	1020
ctttactaaa	aatggctttt	tagtaaagcc	atttactttt	tctaaaaaag	ttttagaaga	1080
aaaagatgta	actaaacttt	taaagtagct	cctttggaga	ggagattatg	atgtgaaaga	1140
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caattaaaaa	aatatttcaa	aatgcaatgc	atattaaata	taatacacac	agaaaaactg	1260
gcatttat	tgttttat	ttttgagatg	gagtttctgt	cttggttgccc	aacctggagt	1320
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cctcagcctc	ctgagtagct	gggattacag	gtgtgcgcca	ccacgcccag	ctaatttttt	1440
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aacaaat	aattaaacaa	tctgtaacag	aatcaagaaa	caaatacatt	ttaattaaac	1800
aatctatatg	gaacaaacat	tcccaaattc	taagaataaa	tttttcttta	agttttctct	1860
gagtttggca	attgttgttt	tttataat	aatctgttta	aatcatcagg	tcttataaaa	1920
tataatgtac	ttagagctgg	attcatggct	gtttattatg	aaagggttaga	tttctcagtt	1980
cttctttaac	cacattttgt	tatatcagac	agtcctctat	aactctgtac	tacccaacaa	2040
ctaaatggtt	tagattgttt	agctcatgtt	aataggatgg	ttgtgtatta	taaaaaacga	2100
gttacgtgtg	tgtgtgcacg	catgcacgca	catgtgctgg	cttaaagggt	gttaatgcaa	2160
ggtttgggt	cccctttaac	actggtgaaa	gctacggtac	tctccccaga	gatattgtct	2220
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cacgtgcctg	taatcccagc	tacttgggag	gctgaggcag	gagaatcact	tgaacctggg	2760
aggcggaggt	tgcagtgagc	tgagatcatg	ccactgcacg	ccagcctggg	caacagagca	2820
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<210> 7886

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (493)...(1189)

<223> similar to gi4309918 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7886

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aagaaggttt cctggcctgt tgcagccatg gtgcattgca gttgcgtgtt gttcagaaaag 60
tatggaaatt tcatcgataa gctaagactc ttcaccaggg gaggatccgg tggaatgggt 120
tacctcgtt taggtggaga aggtggaaaa ggtgggtgat tctgggttgt agcccacaac 180
agaatgactt taaaacaact taaagacagg taccctcgga aacggtttgt ggctggagta 240
ggagcaaaaca gcaaaattag tgcactgaaa ggctccaaag gaaaagactg ggaaatccct 300
gtgcctgttg gtatttcagt aactgatgaa aatggtaaaa ttataggaga actcaataaa 360
gaaaatgaca gaatttttgt agctcaagga ggtcttggtg gtaaattact tacaatttc 420
ttaccattga aaggccagaa acgaataatt caccctgatc taaaacttat agctgatgta 480
ggcctagtag gattcccaaa tgctggaaaa tcctctttgc taagtttgtt ttctcatgca 540
aaacctgcaa ttgcagatta cgcatttaca acattaaagc ctgaacttgg aaagataatg 600
tacagtgaatt tcaaacagat atcagtagct gatcttccgg gtttaataga aggagcacat 660
atgaacaaag gaatgggcca caaattcctc aagcatatag aaagaactag acaactactt 720
tttgttgttg atatttctgg atttcagctt tcttctcaca ctcaatacag gacagctttt 780
gaaaccataa tactgcttac aaaagagttg gaattgtaca aagaggaact tcagacaaaa 840
cctgcactct tggcagttaa taaaatggac ttgccagatg cccaagataa gttccatgaa 900
ttgatgagcc agctccagaa tcttaaagat tttctgcatt tatttgaaaa aaacatgatt 960
ccagagagga ctgtagagtt ccaacatata atccccatat ctgcagttac tggagaagga 1020
atcgaagaat taaagaattg tataagaaag tcaactggatg aacaggccaa ccaggaaaat 1080
gatgcacttc ataagaaaca gttgcttaat ttgtggattt ctgatacaat gtcttctact 1140
gagccacat caaagcatgc tgttactact tccaaaatgg atataattta aatatattaa 1200
aatggtatt gatggaacag t 1221

```

<210> 7887

<211> 1324

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (32)...(477)

<223> similar to gi3171914 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7887

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gcgagcgtga cccaactgcg gacggtcagc catggagact ggagcgtgc ggcgcccga 60
acttctcccg ttgctgctgc tgctctgcgg tgggtgtccc agagcaggcg gctgcaacga 120
gacaggcatg ttggagaggg tgcctctgtg tgggaaggct ttcgcagaca tgatgggcaa 180
ggtggacgtc tggaagtggg gcaacctgtc cgagttcatc gtgtactatg agagtttcac 240
caactgcacc gagatggagg ccaatgtcgt gggctgctac tggcccaacc ccctggccca 300
gggcttcatc accggcatcc acaggcagtt cttctccaac tgcaccgtgg acagggtcca 360
cttggaggac cccccagacg aggttctcat cccgctgatc gttatacccg tcgttctgac 420
tgtcgccatg gctggcctgg tgggtgtggc cagcaaacgc accgacacgc tgctgtgagg 480
gtcccggtga gatggagtg gtcacacctg gcaagctgga agaaagtcc ctggggatgg 540
gagagcgggg ggggtgctgcc aatctccagc tactgtggcc acaccacc tggtcatggg 600
cagacccctc ccttctctgg ctgacctgct ccctcgaggc cagctgctc cctggctgag 660
gctcaggcta tccgccaaag ctctttgtct attctagggc cagtggagga aaatgtgata 720
aggccggagc ttgtgtgctg ggcacagaaa tcacctgctg catcctgtgc tccgcaggct 780
gggccggagc ctctgcctgc aggtttctat gctgtttctt agcacagaat ccagcctagc 840

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```

cttagccgca gtctaggccc tgcttgact aggactcctt gcttgacccc atctctggtt 900
cctgccctgg ctctgcacc agccccagct cctgcctaca tccaggcaga aatataggca 960
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tcctacaggg gctcctctgt gggtgagggg ccctctggaa tggcatccca tgagcttgtg 1260
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aaaa 1324

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<210> 7888
<211> 1850
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1743)...(1216)
<223> similar to gi3880857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 7888
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aattcttttc tgtgataagt acgaatgact caagctacca ttcaatatc actttacaga 180
tatatgaagc ttgtctactt cacgttcaaa ggttttcctt aatttcgtct tttatctaaa 240
tcaggtcaag tctcttctca taaatgagga aatattaaat gagtgggcag gctctcaagg 300
aaataaaaaa gtgactaggc aggaaataat ctggcaactt ctgtggaata ggatttttct 360
cagtggtcta aaaataacaa acaccattta tggaccaaag actaggtgcc atgagtttta 420
gaaattggtc cccactccac tgttatgtgt accattatcc cagtggcaga gatacacaga 480
aagccaaggc tcagaggcag taagtcatgg gtccgaggcc tcttgctgat gacaaaactg 540
gaatctgaac ccacgtcagg cttacattta cacatacatg tatacaaatg tacacatata 600
cagcttagat tccataaaat acagtaatct agtgggtgaa caaattatct ctaataaatg 660
ttataaaata taaacgcctc tctgaatcct ttagaaaatt aattttgcca tgaagtacaa 720
aaaggaaaga gatacaactt aagtatgaac aaagttatag gatactacaa acagttggta 780
atatatactg tctttaaaaa tcatttctcc ttatcgaggc attaagccat attgtttata 840
atgtgaagag ctattggcat cttattttcc taccataac catgaccatc acttattcat 900
cttttcatgc atccaggtgc atggaaaggc agtaagtaca atttttaaga aaatagcatc 960
aaaagcagat tttaaactta cctgtttttc cttcgtttgt tttctccaac agttaaggaa 1020
agtaatagta atttctcatt ccaaaccaaa gacaattatg ctcttttgct aaggacacag 1080
ctgtaagtct ctacaagatc agggaagact acaatatttc agaaaaacac tcccagtaaa 1140
gtttatgctt gaatgggcag ctggaaatgc atcgatgtac agggcctctt ttcacggcct 1200
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gagtactgcg aaaaagtaac cttccacaaa tctgaaatat aaaatttggc agatccatgc 1440
acaccttctc gccaaagcgcg gtatctggaa taccaaacta gccatgggtt taattcataa 1500
ccaactgctg tgaacctctt cttcgcagcc gctatgacaa tgcgtccgct cccactaccg 1560
atgtccacaa gggatcctct tcggcatcgc aacattttca caacattttc aatctgcttc 1620
atagttgcag gtacaaatgg caaacagact tttcgaaggg ctggcggttac aaacggcgctg 1680

```